

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

N78(3450-3550)

1 RF Power Output

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)
DFT-s-OFDM PI/2 BPSK	3460.02	630668	20	25	12	20.46
DFT-s-OFDM PI/2 BPSK	3460.02	630668	20	1	1	20.15
DFT-s-OFDM PI/2 BPSK	3460.02	630668	20	1	49	20.52
DFT-s-OFDM PI/2 BPSK	3460.02	630668	20	50	0	20.42
DFT-s-OFDM QPSK	3460.02	630668	20	25	12	25.02
DFT-s-OFDM QPSK	3460.02	630668	20	1	1	24.82
DFT-s-OFDM QPSK	3460.02	630668	20	1	49	25.06
DFT-s-OFDM QPSK	3460.02	630668	20	50	0	23.95
DFT-s-OFDM 16QAM	3460.02	630668	20	25	12	24.07
DFT-s-OFDM 16QAM	3460.02	630668	20	1	1	23.89
DFT-s-OFDM 16QAM	3460.02	630668	20	1	49	24.14
DFT-s-OFDM 16QAM	3460.02	630668	20	50	0	22.91
DFT-s-OFDM 64QAM	3460.02	630668	20	25	12	22.45
DFT-s-OFDM 64QAM	3460.02	630668	20	1	1	21.90
DFT-s-OFDM 64QAM	3460.02	630668	20	1	49	22.18
DFT-s-OFDM 64QAM	3460.02	630668	20	50	0	22.43
DFT-s-OFDM 256QAM	3460.02	630668	20	25	12	20.41
DFT-s-OFDM 256QAM	3460.02	630668	20	1	1	20.28
DFT-s-OFDM 256QAM	3460.02	630668	20	1	49	20.45
DFT-s-OFDM 256QAM	3460.02	630668	20	50	0	20.45
CP-OFDM QPSK	3460.02	630668	20	25	12	23.35
CP-OFDM QPSK	3460.02	630668	20	1	1	23.48
CP-OFDM QPSK	3460.02	630668	20	1	49	23.67
CP-OFDM QPSK	3460.02	630668	20	51	0	21.98
CP-OFDM 16QAM	3460.02	630668	20	25	12	22.97
CP-OFDM 16QAM	3460.02	630668	20	1	1	22.96
CP-OFDM 16QAM	3460.02	630668	20	1	49	23.25
CP-OFDM 16QAM	3460.02	630668	20	51	0	21.95
CP-OFDM 64QAM	3460.02	630668	20	25	12	21.47
CP-OFDM 64QAM	3460.02	630668	20	1	1	20.96
CP-OFDM 64QAM	3460.02	630668	20	1	49	21.11
CP-OFDM 64QAM	3460.02	630668	20	51	0	21.47
CP-OFDM 256QAM	3460.02	630668	20	25	12	18.46
CP-OFDM 256QAM	3460.02	630668	20	1	1	18.11
CP-OFDM 256QAM	3460.02	630668	20	1	49	18.57
CP-OFDM 256QAM	3460.02	630668	20	51	0	18.48
DFT-s-OFDM PI/2 BPSK	3500.01	633334	20	25	12	20.23
DFT-s-OFDM PI/2 BPSK	3500.01	633334	20	1	1	20.15
DFT-s-OFDM PI/2 BPSK	3500.01	633334	20	1	49	20.28
DFT-s-OFDM PI/2 BPSK	3500.01	633334	20	50	0	20.30
DFT-s-OFDM QPSK	3500.01	633334	20	25	12	24.74

DFT-s-OFDM QPSK	3500.01	633334	20	1	1	24.73
DFT-s-OFDM QPSK	3500.01	633334	20	1	49	24.93
DFT-s-OFDM QPSK	3500.01	633334	20	50	0	23.75
DFT-s-OFDM 16QAM	3500.01	633334	20	25	12	23.77
DFT-s-OFDM 16QAM	3500.01	633334	20	1	1	23.82
DFT-s-OFDM 16QAM	3500.01	633334	20	1	49	24.04
DFT-s-OFDM 16QAM	3500.01	633334	20	50	0	22.72
DFT-s-OFDM 64QAM	3500.01	633334	20	25	12	22.24
DFT-s-OFDM 64QAM	3500.01	633334	20	1	1	21.79
DFT-s-OFDM 64QAM	3500.01	633334	20	1	49	22.05
DFT-s-OFDM 64QAM	3500.01	633334	20	50	0	22.22
DFT-s-OFDM 256QAM	3500.01	633334	20	25	12	22.19
DFT-s-OFDM 256QAM	3500.01	633334	20	1	1	20.06
DFT-s-OFDM 256QAM	3500.01	633334	20	1	49	20.23
DFT-s-OFDM 256QAM	3500.01	633334	20	50	0	20.27
CP-OFDM QPSK	3500.01	633334	20	25	12	23.27
CP-OFDM QPSK	3500.01	633334	20	1	1	23.38
CP-OFDM QPSK	3500.01	633334	20	1	49	23.49
CP-OFDM QPSK	3500.01	633334	20	51	0	21.78
CP-OFDM 16QAM	3500.01	633334	20	25	12	22.76
CP-OFDM 16QAM	3500.01	633334	20	1	1	22.67
CP-OFDM 16QAM	3500.01	633334	20	1	49	22.97
CP-OFDM 16QAM	3500.01	633334	20	51	0	21.71
CP-OFDM 64QAM	3500.01	633334	20	25	12	21.26
CP-OFDM 64QAM	3500.01	633334	20	1	1	20.89
CP-OFDM 64QAM	3500.01	633334	20	1	49	20.99
CP-OFDM 64QAM	3500.01	633334	20	51	0	21.27
CP-OFDM 256QAM	3500.01	633334	20	25	12	18.18
CP-OFDM 256QAM	3500.01	633334	20	1	1	18.20
CP-OFDM 256QAM	3500.01	633334	20	1	49	18.36
CP-OFDM 256QAM	3500.01	633334	20	51	0	18.28
DFT-s-OFDM PI/2 BPSK	3540	636000	20	25	12	20.37
DFT-s-OFDM PI/2 BPSK	3540	636000	20	1	1	20.50
DFT-s-OFDM PI/2 BPSK	3540	636000	20	1	49	20.32
DFT-s-OFDM PI/2 BPSK	3540	636000	20	50	0	20.46
DFT-s-OFDM QPSK	3540	636000	20	25	12	24.95
DFT-s-OFDM QPSK	3540	636000	20	1	1	24.98
DFT-s-OFDM QPSK	3540	636000	20	1	49	24.93
DFT-s-OFDM QPSK	3540	636000	20	50	0	23.96
DFT-s-OFDM 16QAM	3540	636000	20	25	12	24.07
DFT-s-OFDM 16QAM	3540	636000	20	1	1	23.96
DFT-s-OFDM 16QAM	3540	636000	20	1	49	24.04
DFT-s-OFDM 16QAM	3540	636000	20	50	0	22.94
DFT-s-OFDM 64QAM	3540	636000	20	25	12	22.50
DFT-s-OFDM 64QAM	3540	636000	20	1	1	22.11

DFT-s-OFDM 64QAM	3540	636000	20	1	49	22.07
DFT-s-OFDM 64QAM	3540	636000	20	50	0	22.45
DFT-s-OFDM 256QAM	3540	636000	20	25	12	20.45
DFT-s-OFDM 256QAM	3540	636000	20	1	1	20.43
DFT-s-OFDM 256QAM	3540	636000	20	1	49	20.28
DFT-s-OFDM 256QAM	3540	636000	20	50	0	20.43
CP-OFDM QPSK	3540	636000	20	25	12	23.45
CP-OFDM QPSK	3540	636000	20	1	1	23.54
CP-OFDM QPSK	3540	636000	20	1	49	23.52
CP-OFDM QPSK	3540	636000	20	51	0	21.97
CP-OFDM 16QAM	3540	636000	20	25	12	22.99
CP-OFDM 16QAM	3540	636000	20	1	1	23.17
CP-OFDM 16QAM	3540	636000	20	1	49	23.18
CP-OFDM 16QAM	3540	636000	20	51	0	21.96
CP-OFDM 64QAM	3540	636000	20	25	12	21.47
CP-OFDM 64QAM	3540	636000	20	1	1	21.15
CP-OFDM 64QAM	3540	636000	20	1	49	21.14
CP-OFDM 64QAM	3540	636000	20	51	0	21.43
CP-OFDM 256QAM	3540	636000	20	25	12	18.37
CP-OFDM 256QAM	3540	636000	20	1	1	18.41
CP-OFDM 256QAM	3540	636000	20	1	49	18.46
CP-OFDM 256QAM	3540	636000	20	51	0	18.55

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)
DFT-s-OFDM PI/2 BPSK	3465	631000	30	36	18	20.47
DFT-s-OFDM PI/2 BPSK	3465	631000	30	1	1	20.32
DFT-s-OFDM PI/2 BPSK	3465	631000	30	1	76	20.26
DFT-s-OFDM PI/2 BPSK	3465	631000	30	75	0	20.46
DFT-s-OFDM QPSK	3465	631000	30	36	18	24.93
DFT-s-OFDM QPSK	3465	631000	30	1	1	24.97
DFT-s-OFDM QPSK	3465	631000	30	1	76	24.85
DFT-s-OFDM QPSK	3465	631000	30	75	0	23.94
DFT-s-OFDM 16QAM	3465	631000	30	36	18	23.91
DFT-s-OFDM 16QAM	3465	631000	30	1	1	24.07
DFT-s-OFDM 16QAM	3465	631000	30	1	76	23.81
DFT-s-OFDM 16QAM	3465	631000	30	75	0	22.88
DFT-s-OFDM 64QAM	3465	631000	30	36	18	22.38
DFT-s-OFDM 64QAM	3465	631000	30	1	1	21.97
DFT-s-OFDM 64QAM	3465	631000	30	1	76	22.02
DFT-s-OFDM 64QAM	3465	631000	30	75	0	22.39
DFT-s-OFDM 256QAM	3465	631000	30	36	18	22.34
DFT-s-OFDM 256QAM	3465	631000	30	1	1	20.34
DFT-s-OFDM 256QAM	3465	631000	30	1	76	20.22
DFT-s-OFDM 256QAM	3465	631000	30	75	0	20.40

CP-OFDM QPSK	3465	631000	30	39	19	23.43
CP-OFDM QPSK	3465	631000	30	1	1	23.59
CP-OFDM QPSK	3465	631000	30	1	76	23.33
CP-OFDM QPSK	3465	631000	30	78	0	21.88
CP-OFDM 16QAM	3465	631000	30	39	19	22.95
CP-OFDM 16QAM	3465	631000	30	1	1	23.08
CP-OFDM 16QAM	3465	631000	30	1	76	23.02
CP-OFDM 16QAM	3465	631000	30	78	0	21.84
CP-OFDM 64QAM	3465	631000	30	39	19	21.49
CP-OFDM 64QAM	3465	631000	30	1	1	21.00
CP-OFDM 64QAM	3465	631000	30	1	76	20.92
CP-OFDM 64QAM	3465	631000	30	78	0	21.43
CP-OFDM 256QAM	3465	631000	30	39	19	18.33
CP-OFDM 256QAM	3465	631000	30	1	1	18.36
CP-OFDM 256QAM	3465	631000	30	1	76	18.31
CP-OFDM 256QAM	3465	631000	30	78	0	18.43
DFT-s-OFDM PI/2 BPSK	3500.01	633334	30	36	18	20.27
DFT-s-OFDM PI/2 BPSK	3500.01	633334	30	1	1	20.10
DFT-s-OFDM PI/2 BPSK	3500.01	633334	30	1	76	20.31
DFT-s-OFDM PI/2 BPSK	3500.01	633334	30	75	0	20.31
DFT-s-OFDM QPSK	3500.01	633334	30	36	18	24.78
DFT-s-OFDM QPSK	3500.01	633334	30	1	1	24.71
DFT-s-OFDM QPSK	3500.01	633334	30	1	76	25.04
DFT-s-OFDM QPSK	3500.01	633334	30	75	0	23.83
DFT-s-OFDM 16QAM	3500.01	633334	30	36	18	23.77
DFT-s-OFDM 16QAM	3500.01	633334	30	1	1	23.97
DFT-s-OFDM 16QAM	3500.01	633334	30	1	76	24.10
DFT-s-OFDM 16QAM	3500.01	633334	30	75	0	22.78
DFT-s-OFDM 64QAM	3500.01	633334	30	36	18	22.21
DFT-s-OFDM 64QAM	3500.01	633334	30	1	1	21.96
DFT-s-OFDM 64QAM	3500.01	633334	30	1	76	22.10
DFT-s-OFDM 64QAM	3500.01	633334	30	75	0	22.29
DFT-s-OFDM 256QAM	3500.01	633334	30	36	18	20.21
DFT-s-OFDM 256QAM	3500.01	633334	30	1	1	20.32
DFT-s-OFDM 256QAM	3500.01	633334	30	1	76	20.40
DFT-s-OFDM 256QAM	3500.01	633334	30	75	0	20.29
CP-OFDM QPSK	3500.01	633334	30	39	19	23.22
CP-OFDM QPSK	3500.01	633334	30	1	1	23.48
CP-OFDM QPSK	3500.01	633334	30	1	76	23.38
CP-OFDM QPSK	3500.01	633334	30	78	0	21.81
CP-OFDM 16QAM	3500.01	633334	30	39	19	22.66
CP-OFDM 16QAM	3500.01	633334	30	1	1	22.98
CP-OFDM 16QAM	3500.01	633334	30	1	76	23.00
CP-OFDM 16QAM	3500.01	633334	30	78	0	21.77
CP-OFDM 64QAM	3500.01	633334	30	39	19	21.27

CP-OFDM 64QAM	3500.01	633334	30	1	1	20.87
CP-OFDM 64QAM	3500.01	633334	30	1	76	20.96
CP-OFDM 64QAM	3500.01	633334	30	78	0	21.33
CP-OFDM 256QAM	3500.01	633334	30	39	19	18.20
CP-OFDM 256QAM	3500.01	633334	30	1	1	18.48
CP-OFDM 256QAM	3500.01	633334	30	1	76	18.48
CP-OFDM 256QAM	3500.01	633334	30	78	0	18.32
DFT-s-OFDM PI/2 BPSK	3534.99	635666	30	36	18	20.55
DFT-s-OFDM PI/2 BPSK	3534.99	635666	30	1	1	20.49
DFT-s-OFDM PI/2 BPSK	3534.99	635666	30	1	76	20.34
DFT-s-OFDM PI/2 BPSK	3534.99	635666	30	75	0	20.45
DFT-s-OFDM QPSK	3534.99	635666	30	36	18	25.03
DFT-s-OFDM QPSK	3534.99	635666	30	1	1	25.09
DFT-s-OFDM QPSK	3534.99	635666	30	1	76	24.94
DFT-s-OFDM QPSK	3534.99	635666	30	75	0	24.08
DFT-s-OFDM 16QAM	3534.99	635666	30	36	18	24.06
DFT-s-OFDM 16QAM	3534.99	635666	30	1	1	24.05
DFT-s-OFDM 16QAM	3534.99	635666	30	1	76	24.01
DFT-s-OFDM 16QAM	3534.99	635666	30	75	0	23.03
DFT-s-OFDM 64QAM	3534.99	635666	30	36	18	22.52
DFT-s-OFDM 64QAM	3534.99	635666	30	1	1	22.25
DFT-s-OFDM 64QAM	3534.99	635666	30	1	76	22.12
DFT-s-OFDM 64QAM	3534.99	635666	30	75	0	22.51
DFT-s-OFDM 256QAM	3534.99	635666	30	36	18	20.48
DFT-s-OFDM 256QAM	3534.99	635666	30	1	1	20.42
DFT-s-OFDM 256QAM	3534.99	635666	30	1	76	20.43
DFT-s-OFDM 256QAM	3534.99	635666	30	75	0	20.45
CP-OFDM QPSK	3534.99	635666	30	39	19	23.55
CP-OFDM QPSK	3534.99	635666	30	1	1	23.58
CP-OFDM QPSK	3534.99	635666	30	1	76	23.42
CP-OFDM QPSK	3534.99	635666	30	78	0	22.07
CP-OFDM 16QAM	3534.99	635666	30	39	19	23.05
CP-OFDM 16QAM	3534.99	635666	30	1	1	23.26
CP-OFDM 16QAM	3534.99	635666	30	1	76	23.26
CP-OFDM 16QAM	3534.99	635666	30	78	0	22.00
CP-OFDM 64QAM	3534.99	635666	30	39	19	21.66
CP-OFDM 64QAM	3534.99	635666	30	1	1	21.27
CP-OFDM 64QAM	3534.99	635666	30	1	76	21.12
CP-OFDM 64QAM	3534.99	635666	30	78	0	21.59
CP-OFDM 256QAM	3534.99	635666	30	39	19	18.48
CP-OFDM 256QAM	3534.99	635666	30	1	1	18.60
CP-OFDM 256QAM	3534.99	635666	30	1	76	18.51
CP-OFDM 256QAM	3534.99	635666	30	78	0	18.76

Modulation	Carrier frequency	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power
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	(MHz)					(dBm)
DFT-s-OFDM PI/2 BPSK	3470.01	631334	40	50	25	20.48
DFT-s-OFDM PI/2 BPSK	3470.01	631334	40	1	1	20.33
DFT-s-OFDM PI/2 BPSK	3470.01	631334	40	1	104	20.20
DFT-s-OFDM PI/2 BPSK	3470.01	631334	40	100	0	20.42
DFT-s-OFDM QPSK	3470.01	631334	40	50	25	24.89
DFT-s-OFDM QPSK	3470.01	631334	40	1	1	24.97
DFT-s-OFDM QPSK	3470.01	631334	40	1	104	24.89
DFT-s-OFDM QPSK	3470.01	631334	40	100	0	23.94
DFT-s-OFDM 16QAM	3470.01	631334	40	50	25	23.86
DFT-s-OFDM 16QAM	3470.01	631334	40	1	1	23.90
DFT-s-OFDM 16QAM	3470.01	631334	40	1	104	23.84
DFT-s-OFDM 16QAM	3470.01	631334	40	100	0	22.87
DFT-s-OFDM 64QAM	3470.01	631334	40	50	25	22.45
DFT-s-OFDM 64QAM	3470.01	631334	40	1	1	22.04
DFT-s-OFDM 64QAM	3470.01	631334	40	1	104	21.95
DFT-s-OFDM 64QAM	3470.01	631334	40	100	0	22.43
DFT-s-OFDM 256QAM	3470.01	631334	40	50	25	20.41
DFT-s-OFDM 256QAM	3470.01	631334	40	1	1	20.32
DFT-s-OFDM 256QAM	3470.01	631334	40	1	104	20.27
DFT-s-OFDM 256QAM	3470.01	631334	40	100	0	20.44
CP-OFDM QPSK	3470.01	631334	40	53	26	23.50
CP-OFDM QPSK	3470.01	631334	40	1	1	23.56
CP-OFDM QPSK	3470.01	631334	40	1	104	23.27
CP-OFDM QPSK	3470.01	631334	40	106	0	22.01
CP-OFDM 16QAM	3470.01	631334	40	53	26	23.04
CP-OFDM 16QAM	3470.01	631334	40	1	1	22.95
CP-OFDM 16QAM	3470.01	631334	40	1	104	22.91
CP-OFDM 16QAM	3470.01	631334	40	106	0	22.09
CP-OFDM 64QAM	3470.01	631334	40	53	26	21.54
CP-OFDM 64QAM	3470.01	631334	40	1	1	21.05
CP-OFDM 64QAM	3470.01	631334	40	1	104	21.06
CP-OFDM 64QAM	3470.01	631334	40	106	0	21.54
CP-OFDM 256QAM	3470.01	631334	40	53	26	18.55
CP-OFDM 256QAM	3470.01	631334	40	1	1	18.40
CP-OFDM 256QAM	3470.01	631334	40	1	104	18.35
CP-OFDM 256QAM	3470.01	631334	40	106	0	18.67
DFT-s-OFDM PI/2 BPSK	3500.01	633334	40	50	25	20.32
DFT-s-OFDM PI/2 BPSK	3500.01	633334	40	1	1	20.31
DFT-s-OFDM PI/2 BPSK	3500.01	633334	40	1	104	20.42
DFT-s-OFDM PI/2 BPSK	3500.01	633334	40	100	0	20.36
DFT-s-OFDM QPSK	3500.01	633334	40	50	25	24.71
DFT-s-OFDM QPSK	3500.01	633334	40	1	1	24.87
DFT-s-OFDM QPSK	3500.01	633334	40	1	104	25.07
DFT-s-OFDM QPSK	3500.01	633334	40	100	0	23.80

DFT-s-OFDM 16QAM	3500.01	633334	40	50	25	23.78
DFT-s-OFDM 16QAM	3500.01	633334	40	1	1	24.01
DFT-s-OFDM 16QAM	3500.01	633334	40	1	104	24.26
DFT-s-OFDM 16QAM	3500.01	633334	40	100	0	22.82
DFT-s-OFDM 64QAM	3500.01	633334	40	50	25	22.25
DFT-s-OFDM 64QAM	3500.01	633334	40	1	1	22.09
DFT-s-OFDM 64QAM	3500.01	633334	40	1	104	22.15
DFT-s-OFDM 64QAM	3500.01	633334	40	100	0	22.37
DFT-s-OFDM 256QAM	3500.01	633334	40	50	25	20.18
DFT-s-OFDM 256QAM	3500.01	633334	40	1	1	20.34
DFT-s-OFDM 256QAM	3500.01	633334	40	1	104	20.51
DFT-s-OFDM 256QAM	3500.01	633334	40	100	0	20.34
CP-OFDM QPSK	3500.01	633334	40	53	26	23.30
CP-OFDM QPSK	3500.01	633334	40	1	1	23.41
CP-OFDM QPSK	3500.01	633334	40	1	104	23.71
CP-OFDM QPSK	3500.01	633334	40	106	0	21.78
CP-OFDM 16QAM	3500.01	633334	40	53	26	22.73
CP-OFDM 16QAM	3500.01	633334	40	1	1	23.12
CP-OFDM 16QAM	3500.01	633334	40	1	104	23.12
CP-OFDM 16QAM	3500.01	633334	40	106	0	21.86
CP-OFDM 64QAM	3500.01	633334	40	53	26	21.30
CP-OFDM 64QAM	3500.01	633334	40	1	1	21.10
CP-OFDM 64QAM	3500.01	633334	40	1	104	21.24
CP-OFDM 64QAM	3500.01	633334	40	106	0	21.29
CP-OFDM 256QAM	3500.01	633334	40	53	26	18.38
CP-OFDM 256QAM	3500.01	633334	40	1	1	18.25
CP-OFDM 256QAM	3500.01	633334	40	1	104	18.47
CP-OFDM 256QAM	3500.01	633334	40	106	0	18.33
DFT-s-OFDM PI/2 BPSK	3529.98	635332	40	50	25	20.50
DFT-s-OFDM PI/2 BPSK	3529.98	635332	40	1	1	20.43
DFT-s-OFDM PI/2 BPSK	3529.98	635332	40	1	104	20.47
DFT-s-OFDM PI/2 BPSK	3529.98	635332	40	100	0	20.52
DFT-s-OFDM QPSK	3529.98	635332	40	50	25	25.05
DFT-s-OFDM QPSK	3529.98	635332	40	1	1	25.01
DFT-s-OFDM QPSK	3529.98	635332	40	1	104	24.96
DFT-s-OFDM QPSK	3529.98	635332	40	100	0	23.97
DFT-s-OFDM 16QAM	3529.98	635332	40	50	25	24.01
DFT-s-OFDM 16QAM	3529.98	635332	40	1	1	24.02
DFT-s-OFDM 16QAM	3529.98	635332	40	1	104	23.98
DFT-s-OFDM 16QAM	3529.98	635332	40	100	0	23.02
DFT-s-OFDM 64QAM	3529.98	635332	40	50	25	22.51
DFT-s-OFDM 64QAM	3529.98	635332	40	1	1	22.15
DFT-s-OFDM 64QAM	3529.98	635332	40	1	104	22.02
DFT-s-OFDM 64QAM	3529.98	635332	40	100	0	22.56
DFT-s-OFDM 256QAM	3529.98	635332	40	50	25	20.56

DFT-s-OFDM 256QAM	3529.98	635332	40	1	1	20.49
DFT-s-OFDM 256QAM	3529.98	635332	40	1	104	20.59
DFT-s-OFDM 256QAM	3529.98	635332	40	100	0	20.57
CP-OFDM QPSK	3529.98	635332	40	53	26	23.51
CP-OFDM QPSK	3529.98	635332	40	1	1	23.68
CP-OFDM QPSK	3529.98	635332	40	1	104	23.49
CP-OFDM QPSK	3529.98	635332	40	106	0	21.96
CP-OFDM 16QAM	3529.98	635332	40	53	26	23.02
CP-OFDM 16QAM	3529.98	635332	40	1	1	23.21
CP-OFDM 16QAM	3529.98	635332	40	1	104	23.08
CP-OFDM 16QAM	3529.98	635332	40	106	0	22.05
CP-OFDM 64QAM	3529.98	635332	40	53	26	21.59
CP-OFDM 64QAM	3529.98	635332	40	1	1	21.14
CP-OFDM 64QAM	3529.98	635332	40	1	104	21.06
CP-OFDM 64QAM	3529.98	635332	40	106	0	21.49
CP-OFDM 256QAM	3529.98	635332	40	53	26	18.55
CP-OFDM 256QAM	3529.98	635332	40	1	1	18.41
CP-OFDM 256QAM	3529.98	635332	40	1	104	18.33
CP-OFDM 256QAM	3529.98	635332	40	106	0	18.53

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)
DFT-s-OFDM PI/2 BPSK	3475.02	631668	50	64	32	20.18
DFT-s-OFDM PI/2 BPSK	3475.02	631668	50	1	1	20.06
DFT-s-OFDM PI/2 BPSK	3475.02	631668	50	1	131	19.97
DFT-s-OFDM PI/2 BPSK	3475.02	631668	50	128	0	20.12
DFT-s-OFDM QPSK	3475.02	631668	50	64	32	24.73
DFT-s-OFDM QPSK	3475.02	631668	50	1	1	24.65
DFT-s-OFDM QPSK	3475.02	631668	50	1	131	24.49
DFT-s-OFDM QPSK	3475.02	631668	50	128	0	23.64
DFT-s-OFDM 16QAM	3475.02	631668	50	64	32	23.74
DFT-s-OFDM 16QAM	3475.02	631668	50	1	1	23.55
DFT-s-OFDM 16QAM	3475.02	631668	50	1	131	23.52
DFT-s-OFDM 16QAM	3475.02	631668	50	128	0	22.69
DFT-s-OFDM 64QAM	3475.02	631668	50	64	32	22.24
DFT-s-OFDM 64QAM	3475.02	631668	50	1	1	21.74
DFT-s-OFDM 64QAM	3475.02	631668	50	1	131	21.55
DFT-s-OFDM 64QAM	3475.02	631668	50	128	0	22.22
DFT-s-OFDM 256QAM	3475.02	631668	50	64	32	20.18
DFT-s-OFDM 256QAM	3475.02	631668	50	1	1	20.19
DFT-s-OFDM 256QAM	3475.02	631668	50	1	131	19.96
DFT-s-OFDM 256QAM	3475.02	631668	50	128	0	19.85
CP-OFDM QPSK	3475.02	631668	50	67	33	23.21
CP-OFDM QPSK	3475.02	631668	50	1	1	23.18
CP-OFDM QPSK	3475.02	631668	50	1	131	22.95

CP-OFDM QPSK	3475.02	631668	50	133	0	21.61
CP-OFDM 16QAM	3475.02	631668	50	67	33	22.60
CP-OFDM 16QAM	3475.02	631668	50	1	1	22.91
CP-OFDM 16QAM	3475.02	631668	50	1	131	22.56
CP-OFDM 16QAM	3475.02	631668	50	133	0	21.59
CP-OFDM 64QAM	3475.02	631668	50	67	33	21.25
CP-OFDM 64QAM	3475.02	631668	50	1	1	20.80
CP-OFDM 64QAM	3475.02	631668	50	1	131	20.62
CP-OFDM 64QAM	3475.02	631668	50	133	0	21.13
CP-OFDM 256QAM	3475.02	631668	50	67	33	18.22
CP-OFDM 256QAM	3475.02	631668	50	1	1	18.02
CP-OFDM 256QAM	3475.02	631668	50	1	131	17.95
CP-OFDM 256QAM	3475.02	631668	50	133	0	18.19
DFT-s-OFDM PI/2 BPSK	3500.01	633334	50	64	32	20.10
DFT-s-OFDM PI/2 BPSK	3500.01	633334	50	1	1	19.94
DFT-s-OFDM PI/2 BPSK	3500.01	633334	50	1	131	20.27
DFT-s-OFDM PI/2 BPSK	3500.01	633334	50	128	0	20.15
DFT-s-OFDM QPSK	3500.01	633334	50	64	32	24.61
DFT-s-OFDM QPSK	3500.01	633334	50	1	1	24.65
DFT-s-OFDM QPSK	3500.01	633334	50	1	131	24.74
DFT-s-OFDM QPSK	3500.01	633334	50	128	0	23.65
DFT-s-OFDM 16QAM	3500.01	633334	50	64	32	23.58
DFT-s-OFDM 16QAM	3500.01	633334	50	1	1	23.56
DFT-s-OFDM 16QAM	3500.01	633334	50	1	131	23.83
DFT-s-OFDM 16QAM	3500.01	633334	50	128	0	22.71
DFT-s-OFDM 64QAM	3500.01	633334	50	64	32	22.19
DFT-s-OFDM 64QAM	3500.01	633334	50	1	1	21.70
DFT-s-OFDM 64QAM	3500.01	633334	50	1	131	21.94
DFT-s-OFDM 64QAM	3500.01	633334	50	128	0	22.23
DFT-s-OFDM 256QAM	3500.01	633334	50	64	32	20.12
DFT-s-OFDM 256QAM	3500.01	633334	50	1	1	20.08
DFT-s-OFDM 256QAM	3500.01	633334	50	1	131	20.13
DFT-s-OFDM 256QAM	3500.01	633334	50	128	0	20.13
CP-OFDM QPSK	3500.01	633334	50	67	33	23.06
CP-OFDM QPSK	3500.01	633334	50	1	1	23.30
CP-OFDM QPSK	3500.01	633334	50	1	131	23.37
CP-OFDM QPSK	3500.01	633334	50	133	0	21.65
CP-OFDM 16QAM	3500.01	633334	50	67	33	22.65
CP-OFDM 16QAM	3500.01	633334	50	1	1	22.71
CP-OFDM 16QAM	3500.01	633334	50	1	131	22.87
CP-OFDM 16QAM	3500.01	633334	50	133	0	21.63
CP-OFDM 64QAM	3500.01	633334	50	67	33	21.10
CP-OFDM 64QAM	3500.01	633334	50	1	1	20.70
CP-OFDM 64QAM	3500.01	633334	50	1	131	20.76
CP-OFDM 64QAM	3500.01	633334	50	133	0	21.15

CP-OFDM 256QAM	3500.01	633334	50	67	33	18.16
CP-OFDM 256QAM	3500.01	633334	50	1	1	18.18
CP-OFDM 256QAM	3500.01	633334	50	1	131	18.15
CP-OFDM 256QAM	3500.01	633334	50	133	0	18.11
DFT-s-OFDM PI/2 BPSK	3525	635000	50	64	32	20.16
DFT-s-OFDM PI/2 BPSK	3525	635000	50	1	1	19.93
DFT-s-OFDM PI/2 BPSK	3525	635000	50	1	131	19.98
DFT-s-OFDM PI/2 BPSK	3525	635000	50	128	0	20.21
DFT-s-OFDM QPSK	3525	635000	50	64	32	24.79
DFT-s-OFDM QPSK	3525	635000	50	1	1	24.62
DFT-s-OFDM QPSK	3525	635000	50	1	131	24.55
DFT-s-OFDM QPSK	3525	635000	50	128	0	23.67
DFT-s-OFDM 16QAM	3525	635000	50	64	32	23.77
DFT-s-OFDM 16QAM	3525	635000	50	1	1	23.68
DFT-s-OFDM 16QAM	3525	635000	50	1	131	23.71
DFT-s-OFDM 16QAM	3525	635000	50	128	0	22.64
DFT-s-OFDM 64QAM	3525	635000	50	64	32	22.25
DFT-s-OFDM 64QAM	3525	635000	50	1	1	21.70
DFT-s-OFDM 64QAM	3525	635000	50	1	131	21.73
DFT-s-OFDM 64QAM	3525	635000	50	128	0	22.27
DFT-s-OFDM 256QAM	3525	635000	50	64	32	20.30
DFT-s-OFDM 256QAM	3525	635000	50	1	1	20.31
DFT-s-OFDM 256QAM	3525	635000	50	1	131	19.87
DFT-s-OFDM 256QAM	3525	635000	50	128	0	20.29
CP-OFDM QPSK	3525	635000	50	67	33	23.34
CP-OFDM QPSK	3525	635000	50	1	1	23.24
CP-OFDM QPSK	3525	635000	50	1	131	23.01
CP-OFDM QPSK	3525	635000	50	133	0	21.73
CP-OFDM 16QAM	3525	635000	50	67	33	22.81
CP-OFDM 16QAM	3525	635000	50	1	1	22.71
CP-OFDM 16QAM	3525	635000	50	1	131	22.55
CP-OFDM 16QAM	3525	635000	50	133	0	21.71
CP-OFDM 64QAM	3525	635000	50	67	33	21.27
CP-OFDM 64QAM	3525	635000	50	1	1	20.79
CP-OFDM 64QAM	3525	635000	50	1	131	20.72
CP-OFDM 64QAM	3525	635000	50	133	0	21.17
CP-OFDM 256QAM	3525	635000	50	67	33	18.34
CP-OFDM 256QAM	3525	635000	50	1	1	18.10
CP-OFDM 256QAM	3525	635000	50	1	131	18.01
CP-OFDM 256QAM	3525	635000	50	133	0	18.35

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)
DFT-s-OFDM PI/2 BPSK	3480	632000	60	81	40	20.23
DFT-s-OFDM PI/2 BPSK	3480	632000	60	1	1	20.00

DFT-s-OFDM PI/2 BPSK	3480	632000	60	1	160	20.10
DFT-s-OFDM PI/2 BPSK	3480	632000	60	162	0	20.27
DFT-s-OFDM QPSK	3480	632000	60	81	40	24.65
DFT-s-OFDM QPSK	3480	632000	60	1	1	24.68
DFT-s-OFDM QPSK	3480	632000	60	1	160	24.70
DFT-s-OFDM QPSK	3480	632000	60	162	0	23.71
DFT-s-OFDM 16QAM	3480	632000	60	81	40	23.60
DFT-s-OFDM 16QAM	3480	632000	60	1	1	23.83
DFT-s-OFDM 16QAM	3480	632000	60	1	160	23.55
DFT-s-OFDM 16QAM	3480	632000	60	162	0	22.59
DFT-s-OFDM 64QAM	3480	632000	60	81	40	22.18
DFT-s-OFDM 64QAM	3480	632000	60	1	1	21.80
DFT-s-OFDM 64QAM	3480	632000	60	1	160	21.77
DFT-s-OFDM 64QAM	3480	632000	60	162	0	22.11
DFT-s-OFDM 256QAM	3480	632000	60	81	40	20.18
DFT-s-OFDM 256QAM	3480	632000	60	1	1	20.06
DFT-s-OFDM 256QAM	3480	632000	60	1	160	20.08
DFT-s-OFDM 256QAM	3480	632000	60	162	0	20.16
CP-OFDM QPSK	3480	632000	60	81	40	23.19
CP-OFDM QPSK	3480	632000	60	1	1	23.23
CP-OFDM QPSK	3480	632000	60	1	160	23.07
CP-OFDM QPSK	3480	632000	60	162	0	21.65
CP-OFDM 16QAM	3480	632000	60	81	40	22.54
CP-OFDM 16QAM	3480	632000	60	1	1	22.78
CP-OFDM 16QAM	3480	632000	60	1	160	22.71
CP-OFDM 16QAM	3480	632000	60	162	0	21.60
CP-OFDM 64QAM	3480	632000	60	81	40	21.21
CP-OFDM 64QAM	3480	632000	60	1	1	20.76
CP-OFDM 64QAM	3480	632000	60	1	160	20.78
CP-OFDM 64QAM	3480	632000	60	162	0	21.15
CP-OFDM 256QAM	3480	632000	60	81	40	18.15
CP-OFDM 256QAM	3480	632000	60	1	1	18.17
CP-OFDM 256QAM	3480	632000	60	1	160	18.08
CP-OFDM 256QAM	3480	632000	60	162	0	18.21
DFT-s-OFDM PI/2 BPSK	3500.01	633334	60	81	40	20.31
DFT-s-OFDM PI/2 BPSK	3500.01	633334	60	1	1	20.09
DFT-s-OFDM PI/2 BPSK	3500.01	633334	60	1	160	20.07
DFT-s-OFDM PI/2 BPSK	3500.01	633334	60	162	0	20.17
DFT-s-OFDM QPSK	3500.01	633334	60	81	40	24.68
DFT-s-OFDM QPSK	3500.01	633334	60	1	1	24.70
DFT-s-OFDM QPSK	3500.01	633334	60	1	160	24.72
DFT-s-OFDM QPSK	3500.01	633334	60	162	0	23.72
DFT-s-OFDM 16QAM	3500.01	633334	60	81	40	23.60
DFT-s-OFDM 16QAM	3500.01	633334	60	1	1	23.71
DFT-s-OFDM 16QAM	3500.01	633334	60	1	160	23.78

DFT-s-OFDM 16QAM	3500.01	633334	60	162	0	22.64
DFT-s-OFDM 64QAM	3500.01	633334	60	81	40	22.10
DFT-s-OFDM 64QAM	3500.01	633334	60	1	1	21.87
DFT-s-OFDM 64QAM	3500.01	633334	60	1	160	21.79
DFT-s-OFDM 64QAM	3500.01	633334	60	162	0	22.17
DFT-s-OFDM 256QAM	3500.01	633334	60	81	40	20.20
DFT-s-OFDM 256QAM	3500.01	633334	60	1	1	20.03
DFT-s-OFDM 256QAM	3500.01	633334	60	1	160	20.23
DFT-s-OFDM 256QAM	3500.01	633334	60	162	0	20.26
CP-OFDM QPSK	3500.01	633334	60	81	40	23.19
CP-OFDM QPSK	3500.01	633334	60	1	1	23.20
CP-OFDM QPSK	3500.01	633334	60	1	160	23.35
CP-OFDM QPSK	3500.01	633334	60	162	0	21.76
CP-OFDM 16QAM	3500.01	633334	60	81	40	22.66
CP-OFDM 16QAM	3500.01	633334	60	1	1	22.84
CP-OFDM 16QAM	3500.01	633334	60	1	160	22.75
CP-OFDM 16QAM	3500.01	633334	60	162	0	21.71
CP-OFDM 64QAM	3500.01	633334	60	81	40	21.23
CP-OFDM 64QAM	3500.01	633334	60	1	1	20.93
CP-OFDM 64QAM	3500.01	633334	60	1	160	21.01
CP-OFDM 64QAM	3500.01	633334	60	162	0	21.18
CP-OFDM 256QAM	3500.01	633334	60	81	40	18.28
CP-OFDM 256QAM	3500.01	633334	60	1	1	18.15
CP-OFDM 256QAM	3500.01	633334	60	1	160	18.22
CP-OFDM 256QAM	3500.01	633334	60	162	0	18.22
DFT-s-OFDM PI/2 BPSK	3519.99	634666	60	81	40	20.23
DFT-s-OFDM PI/2 BPSK	3519.99	634666	60	1	1	19.85
DFT-s-OFDM PI/2 BPSK	3519.99	634666	60	1	160	20.01
DFT-s-OFDM PI/2 BPSK	3519.99	634666	60	162	0	20.25
DFT-s-OFDM QPSK	3519.99	634666	60	81	40	24.74
DFT-s-OFDM QPSK	3519.99	634666	60	1	1	24.53
DFT-s-OFDM QPSK	3519.99	634666	60	1	160	24.56
DFT-s-OFDM QPSK	3519.99	634666	60	162	0	23.71
DFT-s-OFDM 16QAM	3519.99	634666	60	81	40	23.70
DFT-s-OFDM 16QAM	3519.99	634666	60	1	1	23.59
DFT-s-OFDM 16QAM	3519.99	634666	60	1	160	23.62
DFT-s-OFDM 16QAM	3519.99	634666	60	162	0	22.75
DFT-s-OFDM 64QAM	3519.99	634666	60	81	40	22.22
DFT-s-OFDM 64QAM	3519.99	634666	60	1	1	21.68
DFT-s-OFDM 64QAM	3519.99	634666	60	1	160	21.74
DFT-s-OFDM 64QAM	3519.99	634666	60	162	0	22.27
DFT-s-OFDM 256QAM	3519.99	634666	60	81	40	20.27
DFT-s-OFDM 256QAM	3519.99	634666	60	1	1	19.88
DFT-s-OFDM 256QAM	3519.99	634666	60	1	160	19.99
DFT-s-OFDM 256QAM	3519.99	634666	60	162	0	20.23

CP-OFDM QPSK	3519.99	634666	60	81	40	23.37
CP-OFDM QPSK	3519.99	634666	60	1	1	23.22
CP-OFDM QPSK	3519.99	634666	60	1	160	23.22
CP-OFDM QPSK	3519.99	634666	60	162	0	21.75
CP-OFDM 16QAM	3519.99	634666	60	81	40	22.73
CP-OFDM 16QAM	3519.99	634666	60	1	1	22.54
CP-OFDM 16QAM	3519.99	634666	60	1	160	22.61
CP-OFDM 16QAM	3519.99	634666	60	162	0	21.71
CP-OFDM 64QAM	3519.99	634666	60	81	40	21.40
CP-OFDM 64QAM	3519.99	634666	60	1	1	20.61
CP-OFDM 64QAM	3519.99	634666	60	1	160	20.76
CP-OFDM 64QAM	3519.99	634666	60	162	0	21.26
CP-OFDM 256QAM	3519.99	634666	60	81	40	18.52
CP-OFDM 256QAM	3519.99	634666	60	1	1	18.04
CP-OFDM 256QAM	3519.99	634666	60	1	160	18.15
CP-OFDM 256QAM	3519.99	634666	60	162	0	18.17

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)
DFT-s-OFDM PI/2 BPSK	3485.01	632334	70	90	45	20.20
DFT-s-OFDM PI/2 BPSK	3485.01	632334	70	1	1	20.18
DFT-s-OFDM PI/2 BPSK	3485.01	632334	70	1	187	20.01
DFT-s-OFDM PI/2 BPSK	3485.01	632334	70	180	0	20.15
DFT-s-OFDM QPSK	3485.01	632334	70	90	45	24.64
DFT-s-OFDM QPSK	3485.01	632334	70	1	1	24.74
DFT-s-OFDM QPSK	3485.01	632334	70	1	187	24.63
DFT-s-OFDM QPSK	3485.01	632334	70	180	0	23.67
DFT-s-OFDM 16QAM	3485.01	632334	70	90	45	23.59
DFT-s-OFDM 16QAM	3485.01	632334	70	1	1	23.87
DFT-s-OFDM 16QAM	3485.01	632334	70	1	187	23.87
DFT-s-OFDM 16QAM	3485.01	632334	70	180	0	22.69
DFT-s-OFDM 64QAM	3485.01	632334	70	90	45	22.15
DFT-s-OFDM 64QAM	3485.01	632334	70	1	1	21.87
DFT-s-OFDM 64QAM	3485.01	632334	70	1	187	21.78
DFT-s-OFDM 64QAM	3485.01	632334	70	180	0	22.21
DFT-s-OFDM 256QAM	3485.01	632334	70	90	45	20.13
DFT-s-OFDM 256QAM	3485.01	632334	70	1	1	20.14
DFT-s-OFDM 256QAM	3485.01	632334	70	1	187	20.00
DFT-s-OFDM 256QAM	3485.01	632334	70	180	0	20.24
CP-OFDM QPSK	3485.01	632334	70	95	47	23.08
CP-OFDM QPSK	3485.01	632334	70	1	1	23.38
CP-OFDM QPSK	3485.01	632334	70	1	187	23.22
CP-OFDM QPSK	3485.01	632334	70	189	0	21.66
CP-OFDM 16QAM	3485.01	632334	70	95	47	22.62
CP-OFDM 16QAM	3485.01	632334	70	1	1	22.89

CP-OFDM 16QAM	3485.01	632334	70	1	187	22.76
CP-OFDM 16QAM	3485.01	632334	70	189	0	21.60
CP-OFDM 64QAM	3485.01	632334	70	95	47	21.10
CP-OFDM 64QAM	3485.01	632334	70	1	1	20.81
CP-OFDM 64QAM	3485.01	632334	70	1	187	20.78
CP-OFDM 64QAM	3485.01	632334	70	189	0	21.17
CP-OFDM 256QAM	3485.01	632334	70	95	47	18.17
CP-OFDM 256QAM	3485.01	632334	70	1	1	18.05
CP-OFDM 256QAM	3485.01	632334	70	1	187	18.17
CP-OFDM 256QAM	3485.01	632334	70	189	0	18.18
DFT-s-OFDM PI/2 BPSK	3500.01	633334	70	90	45	20.11
DFT-s-OFDM PI/2 BPSK	3500.01	633334	70	1	1	20.14
DFT-s-OFDM PI/2 BPSK	3500.01	633334	70	1	187	20.09
DFT-s-OFDM PI/2 BPSK	3500.01	633334	70	180	0	20.14
DFT-s-OFDM QPSK	3500.01	633334	70	90	45	24.57
DFT-s-OFDM QPSK	3500.01	633334	70	1	1	24.67
DFT-s-OFDM QPSK	3500.01	633334	70	1	187	24.67
DFT-s-OFDM QPSK	3500.01	633334	70	180	0	23.66
DFT-s-OFDM 16QAM	3500.01	633334	70	90	45	23.53
DFT-s-OFDM 16QAM	3500.01	633334	70	1	1	23.72
DFT-s-OFDM 16QAM	3500.01	633334	70	1	187	23.63
DFT-s-OFDM 16QAM	3500.01	633334	70	180	0	22.68
DFT-s-OFDM 64QAM	3500.01	633334	70	90	45	22.07
DFT-s-OFDM 64QAM	3500.01	633334	70	1	1	21.83
DFT-s-OFDM 64QAM	3500.01	633334	70	1	187	21.83
DFT-s-OFDM 64QAM	3500.01	633334	70	180	0	22.22
DFT-s-OFDM 256QAM	3500.01	633334	70	90	45	20.06
DFT-s-OFDM 256QAM	3500.01	633334	70	1	1	20.18
DFT-s-OFDM 256QAM	3500.01	633334	70	1	187	20.09
DFT-s-OFDM 256QAM	3500.01	633334	70	180	0	19.99
CP-OFDM QPSK	3500.01	633334	70	95	47	23.05
CP-OFDM QPSK	3500.01	633334	70	1	1	23.33
CP-OFDM QPSK	3500.01	633334	70	1	187	23.32
CP-OFDM QPSK	3500.01	633334	70	189	0	21.68
CP-OFDM 16QAM	3500.01	633334	70	95	47	22.58
CP-OFDM 16QAM	3500.01	633334	70	1	1	22.86
CP-OFDM 16QAM	3500.01	633334	70	1	187	22.82
CP-OFDM 16QAM	3500.01	633334	70	189	0	21.63
CP-OFDM 64QAM	3500.01	633334	70	95	47	21.06
CP-OFDM 64QAM	3500.01	633334	70	1	1	20.81
CP-OFDM 64QAM	3500.01	633334	70	1	187	20.83
CP-OFDM 64QAM	3500.01	633334	70	189	0	21.21
CP-OFDM 256QAM	3500.01	633334	70	95	47	18.02
CP-OFDM 256QAM	3500.01	633334	70	1	1	17.99
CP-OFDM 256QAM	3500.01	633334	70	1	187	18.20

CP-OFDM 256QAM	3500.01	633334	70	189	0	18.33
DFT-s-OFDM PI/2 BPSK	3514.98	634332	70	90	45	20.32
DFT-s-OFDM PI/2 BPSK	3514.98	634332	70	1	1	20.15
DFT-s-OFDM PI/2 BPSK	3514.98	634332	70	1	187	20.00
DFT-s-OFDM PI/2 BPSK	3514.98	634332	70	180	0	20.34
DFT-s-OFDM QPSK	3514.98	634332	70	90	45	24.81
DFT-s-OFDM QPSK	3514.98	634332	70	1	1	24.66
DFT-s-OFDM QPSK	3514.98	634332	70	1	187	24.71
DFT-s-OFDM QPSK	3514.98	634332	70	180	0	23.80
DFT-s-OFDM 16QAM	3514.98	634332	70	90	45	23.73
DFT-s-OFDM 16QAM	3514.98	634332	70	1	1	23.72
DFT-s-OFDM 16QAM	3514.98	634332	70	1	187	23.83
DFT-s-OFDM 16QAM	3514.98	634332	70	180	0	22.73
DFT-s-OFDM 64QAM	3514.98	634332	70	90	45	22.29
DFT-s-OFDM 64QAM	3514.98	634332	70	1	1	21.80
DFT-s-OFDM 64QAM	3514.98	634332	70	1	187	21.74
DFT-s-OFDM 64QAM	3514.98	634332	70	180	0	22.40
DFT-s-OFDM 256QAM	3514.98	634332	70	90	45	20.27
DFT-s-OFDM 256QAM	3514.98	634332	70	1	1	20.06
DFT-s-OFDM 256QAM	3514.98	634332	70	1	187	20.17
DFT-s-OFDM 256QAM	3514.98	634332	70	180	0	20.35
CP-OFDM QPSK	3514.98	634332	70	95	47	23.37
CP-OFDM QPSK	3514.98	634332	70	1	1	23.25
CP-OFDM QPSK	3514.98	634332	70	1	187	23.26
CP-OFDM QPSK	3514.98	634332	70	189	0	21.83
CP-OFDM 16QAM	3514.98	634332	70	95	47	22.70
CP-OFDM 16QAM	3514.98	634332	70	1	1	22.94
CP-OFDM 16QAM	3514.98	634332	70	1	187	22.90
CP-OFDM 16QAM	3514.98	634332	70	189	0	21.81
CP-OFDM 64QAM	3514.98	634332	70	95	47	21.38
CP-OFDM 64QAM	3514.98	634332	70	1	1	20.71
CP-OFDM 64QAM	3514.98	634332	70	1	187	20.72
CP-OFDM 64QAM	3514.98	634332	70	189	0	21.40
CP-OFDM 256QAM	3514.98	634332	70	95	47	18.45
CP-OFDM 256QAM	3514.98	634332	70	1	1	18.20
CP-OFDM 256QAM	3514.98	634332	70	1	187	18.07
CP-OFDM 256QAM	3514.98	634332	70	189	0	18.29

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)
DFT-s-OFDM PI/2 BPSK	3490.02	632668	80	108	54	20.18
DFT-s-OFDM PI/2 BPSK	3490.02	632668	80	1	1	19.99
DFT-s-OFDM PI/2 BPSK	3490.02	632668	80	1	215	20.26
DFT-s-OFDM PI/2 BPSK	3490.02	632668	80	216	0	20.22
DFT-s-OFDM QPSK	3490.02	632668	80	108	54	24.59

DFT-s-OFDM QPSK	3490.02	632668	80	1	1	24.59
DFT-s-OFDM QPSK	3490.02	632668	80	1	215	24.74
DFT-s-OFDM QPSK	3490.02	632668	80	216	0	23.64
DFT-s-OFDM 16QAM	3490.02	632668	80	108	54	23.67
DFT-s-OFDM 16QAM	3490.02	632668	80	1	1	23.64
DFT-s-OFDM 16QAM	3490.02	632668	80	1	215	23.85
DFT-s-OFDM 16QAM	3490.02	632668	80	216	0	22.72
DFT-s-OFDM 64QAM	3490.02	632668	80	108	54	22.13
DFT-s-OFDM 64QAM	3490.02	632668	80	1	1	21.75
DFT-s-OFDM 64QAM	3490.02	632668	80	1	215	21.94
DFT-s-OFDM 64QAM	3490.02	632668	80	216	0	22.21
DFT-s-OFDM 256QAM	3490.02	632668	80	108	54	20.10
DFT-s-OFDM 256QAM	3490.02	632668	80	1	1	19.99
DFT-s-OFDM 256QAM	3490.02	632668	80	1	215	20.15
DFT-s-OFDM 256QAM	3490.02	632668	80	216	0	20.14
CP-OFDM QPSK	3490.02	632668	80	109	54	23.13
CP-OFDM QPSK	3490.02	632668	80	1	1	23.30
CP-OFDM QPSK	3490.02	632668	80	1	215	23.34
CP-OFDM QPSK	3490.02	632668	80	217	0	21.73
CP-OFDM 16QAM	3490.02	632668	80	109	54	22.63
CP-OFDM 16QAM	3490.02	632668	80	1	1	22.71
CP-OFDM 16QAM	3490.02	632668	80	1	215	22.87
CP-OFDM 16QAM	3490.02	632668	80	217	0	21.71
CP-OFDM 64QAM	3490.02	632668	80	109	54	21.14
CP-OFDM 64QAM	3490.02	632668	80	1	1	20.78
CP-OFDM 64QAM	3490.02	632668	80	1	215	20.93
CP-OFDM 64QAM	3490.02	632668	80	217	0	21.25
CP-OFDM 256QAM	3490.02	632668	80	109	54	18.08
CP-OFDM 256QAM	3490.02	632668	80	1	1	18.16
CP-OFDM 256QAM	3490.02	632668	80	1	215	18.14
CP-OFDM 256QAM	3490.02	632668	80	217	0	18.22
DFT-s-OFDM PI/2 BPSK	3500.01	633334	80	108	54	20.12
DFT-s-OFDM PI/2 BPSK	3500.01	633334	80	1	1	20.12
DFT-s-OFDM PI/2 BPSK	3500.01	633334	80	1	215	20.05
DFT-s-OFDM PI/2 BPSK	3500.01	633334	80	216	0	20.17
DFT-s-OFDM QPSK	3500.01	633334	80	108	54	24.61
DFT-s-OFDM QPSK	3500.01	633334	80	1	1	24.67
DFT-s-OFDM QPSK	3500.01	633334	80	1	215	24.67
DFT-s-OFDM QPSK	3500.01	633334	80	216	0	23.73
DFT-s-OFDM 16QAM	3500.01	633334	80	108	54	23.68
DFT-s-OFDM 16QAM	3500.01	633334	80	1	1	23.70
DFT-s-OFDM 16QAM	3500.01	633334	80	1	215	23.73
DFT-s-OFDM 16QAM	3500.01	633334	80	216	0	22.64
DFT-s-OFDM 64QAM	3500.01	633334	80	108	54	22.13
DFT-s-OFDM 64QAM	3500.01	633334	80	1	1	21.80

DFT-s-OFDM 64QAM	3500.01	633334	80	1	215	21.84
DFT-s-OFDM 64QAM	3500.01	633334	80	216	0	22.14
DFT-s-OFDM 256QAM	3500.01	633334	80	108	54	20.10
DFT-s-OFDM 256QAM	3500.01	633334	80	1	1	20.17
DFT-s-OFDM 256QAM	3500.01	633334	80	1	215	20.04
DFT-s-OFDM 256QAM	3500.01	633334	80	216	0	20.17
CP-OFDM QPSK	3500.01	633334	80	109	54	23.01
CP-OFDM QPSK	3500.01	633334	80	1	1	23.26
CP-OFDM QPSK	3500.01	633334	80	1	215	23.26
CP-OFDM QPSK	3500.01	633334	80	217	0	21.67
CP-OFDM 16QAM	3500.01	633334	80	109	54	22.52
CP-OFDM 16QAM	3500.01	633334	80	1	1	22.88
CP-OFDM 16QAM	3500.01	633334	80	1	215	22.85
CP-OFDM 16QAM	3500.01	633334	80	217	0	21.65
CP-OFDM 64QAM	3500.01	633334	80	109	54	21.12
CP-OFDM 64QAM	3500.01	633334	80	1	1	20.71
CP-OFDM 64QAM	3500.01	633334	80	1	215	20.69
CP-OFDM 64QAM	3500.01	633334	80	217	0	21.17
CP-OFDM 256QAM	3500.01	633334	80	109	54	18.25
CP-OFDM 256QAM	3500.01	633334	80	1	1	18.22
CP-OFDM 256QAM	3500.01	633334	80	1	215	18.05
CP-OFDM 256QAM	3500.01	633334	80	217	0	18.13
DFT-s-OFDM PI/2 BPSK	3510	634000	80	108	54	20.19
DFT-s-OFDM PI/2 BPSK	3510	634000	80	1	1	20.10
DFT-s-OFDM PI/2 BPSK	3510	634000	80	1	215	20.12
DFT-s-OFDM PI/2 BPSK	3510	634000	80	216	0	20.22
DFT-s-OFDM QPSK	3510	634000	80	108	54	24.64
DFT-s-OFDM QPSK	3510	634000	80	1	1	24.75
DFT-s-OFDM QPSK	3510	634000	80	1	215	24.64
DFT-s-OFDM QPSK	3510	634000	80	216	0	23.68
DFT-s-OFDM 16QAM	3510	634000	80	108	54	23.67
DFT-s-OFDM 16QAM	3510	634000	80	1	1	23.91
DFT-s-OFDM 16QAM	3510	634000	80	1	215	23.78
DFT-s-OFDM 16QAM	3510	634000	80	216	0	22.65
DFT-s-OFDM 64QAM	3510	634000	80	108	54	22.24
DFT-s-OFDM 64QAM	3510	634000	80	1	1	21.91
DFT-s-OFDM 64QAM	3510	634000	80	1	215	21.77
DFT-s-OFDM 64QAM	3510	634000	80	216	0	22.14
DFT-s-OFDM 256QAM	3510	634000	80	108	54	20.17
DFT-s-OFDM 256QAM	3510	634000	80	1	1	20.14
DFT-s-OFDM 256QAM	3510	634000	80	1	215	20.05
DFT-s-OFDM 256QAM	3510	634000	80	216	0	20.13
CP-OFDM QPSK	3510	634000	80	109	54	23.20
CP-OFDM QPSK	3510	634000	80	1	1	23.44
CP-OFDM QPSK	3510	634000	80	1	215	23.24

CP-OFDM QPSK	3510	634000	80	217	0	21.63
CP-OFDM 16QAM	3510	634000	80	109	54	22.67
CP-OFDM 16QAM	3510	634000	80	1	1	22.94
CP-OFDM 16QAM	3510	634000	80	1	215	22.73
CP-OFDM 16QAM	3510	634000	80	217	0	21.70
CP-OFDM 64QAM	3510	634000	80	109	54	21.03
CP-OFDM 64QAM	3510	634000	80	1	1	20.84
CP-OFDM 64QAM	3510	634000	80	1	215	20.68
CP-OFDM 64QAM	3510	634000	80	217	0	21.15
CP-OFDM 256QAM	3510	634000	80	109	54	18.14
CP-OFDM 256QAM	3510	634000	80	1	1	18.27
CP-OFDM 256QAM	3510	634000	80	1	215	18.17
CP-OFDM 256QAM	3510	634000	80	217	0	18.17

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)
DFT-s-OFDM PI/2 BPSK	3495	633000	90	120	60	20.22
DFT-s-OFDM PI/2 BPSK	3495	633000	90	1	1	19.91
DFT-s-OFDM PI/2 BPSK	3495	633000	90	1	243	19.95
DFT-s-OFDM PI/2 BPSK	3495	633000	90	243	0	20.15
DFT-s-OFDM QPSK	3495	633000	90	120	60	24.58
DFT-s-OFDM QPSK	3495	633000	90	1	1	24.65
DFT-s-OFDM QPSK	3495	633000	90	1	243	24.64
DFT-s-OFDM QPSK	3495	633000	90	243	0	23.68
DFT-s-OFDM 16QAM	3495	633000	90	120	60	23.56
DFT-s-OFDM 16QAM	3495	633000	90	1	1	23.59
DFT-s-OFDM 16QAM	3495	633000	90	1	243	23.59
DFT-s-OFDM 16QAM	3495	633000	90	243	0	22.62
DFT-s-OFDM 64QAM	3495	633000	90	120	60	22.14
DFT-s-OFDM 64QAM	3495	633000	90	1	1	21.81
DFT-s-OFDM 64QAM	3495	633000	90	1	243	21.70
DFT-s-OFDM 64QAM	3495	633000	90	243	0	22.12
DFT-s-OFDM 256QAM	3495	633000	90	120	60	20.12
DFT-s-OFDM 256QAM	3495	633000	90	1	1	20.15
DFT-s-OFDM 256QAM	3495	633000	90	1	243	20.17
DFT-s-OFDM 256QAM	3495	633000	90	243	0	20.15
CP-OFDM QPSK	3495	633000	90	123	61	23.02
CP-OFDM QPSK	3495	633000	90	1	1	23.11
CP-OFDM QPSK	3495	633000	90	1	243	23.11
CP-OFDM QPSK	3495	633000	90	245	0	21.66
CP-OFDM 16QAM	3495	633000	90	123	61	22.49
CP-OFDM 16QAM	3495	633000	90	1	1	22.72
CP-OFDM 16QAM	3495	633000	90	1	243	22.76
CP-OFDM 16QAM	3495	633000	90	245	0	21.62
CP-OFDM 64QAM	3495	633000	90	123	61	21.05

CP-OFDM 64QAM	3495	633000	90	1	1	20.81
CP-OFDM 64QAM	3495	633000	90	1	243	20.78
CP-OFDM 64QAM	3495	633000	90	245	0	21.15
CP-OFDM 256QAM	3495	633000	90	123	61	18.18
CP-OFDM 256QAM	3495	633000	90	1	1	18.15
CP-OFDM 256QAM	3495	633000	90	1	243	18.04
CP-OFDM 256QAM	3495	633000	90	245	0	18.22
DFT-s-OFDM PI/2 BPSK	3500.01	633334	90	120	60	20.20
DFT-s-OFDM PI/2 BPSK	3500.01	633334	90	1	1	19.95
DFT-s-OFDM PI/2 BPSK	3500.01	633334	90	1	243	20.09
DFT-s-OFDM PI/2 BPSK	3500.01	633334	90	243	0	20.14
DFT-s-OFDM QPSK	3500.01	633334	90	120	60	24.58
DFT-s-OFDM QPSK	3500.01	633334	90	1	1	24.66
DFT-s-OFDM QPSK	3500.01	633334	90	1	243	24.61
DFT-s-OFDM QPSK	3500.01	633334	90	243	0	23.67
DFT-s-OFDM 16QAM	3500.01	633334	90	120	60	23.63
DFT-s-OFDM 16QAM	3500.01	633334	90	1	1	23.73
DFT-s-OFDM 16QAM	3500.01	633334	90	1	243	23.68
DFT-s-OFDM 16QAM	3500.01	633334	90	243	0	22.60
DFT-s-OFDM 64QAM	3500.01	633334	90	120	60	22.10
DFT-s-OFDM 64QAM	3500.01	633334	90	1	1	21.71
DFT-s-OFDM 64QAM	3500.01	633334	90	1	243	21.78
DFT-s-OFDM 64QAM	3500.01	633334	90	243	0	22.21
DFT-s-OFDM 256QAM	3500.01	633334	90	120	60	20.13
DFT-s-OFDM 256QAM	3500.01	633334	90	1	1	19.99
DFT-s-OFDM 256QAM	3500.01	633334	90	1	243	20.00
DFT-s-OFDM 256QAM	3500.01	633334	90	243	0	20.13
CP-OFDM QPSK	3500.01	633334	90	123	61	23.18
CP-OFDM QPSK	3500.01	633334	90	1	1	23.25
CP-OFDM QPSK	3500.01	633334	90	1	243	23.23
CP-OFDM QPSK	3500.01	633334	90	245	0	21.64
CP-OFDM 16QAM	3500.01	633334	90	123	61	22.56
CP-OFDM 16QAM	3500.01	633334	90	1	1	22.62
CP-OFDM 16QAM	3500.01	633334	90	1	243	22.60
CP-OFDM 16QAM	3500.01	633334	90	245	0	21.62
CP-OFDM 64QAM	3500.01	633334	90	123	61	21.15
CP-OFDM 64QAM	3500.01	633334	90	1	1	20.73
CP-OFDM 64QAM	3500.01	633334	90	1	243	20.67
CP-OFDM 64QAM	3500.01	633334	90	245	0	21.14
CP-OFDM 256QAM	3500.01	633334	90	123	61	18.23
CP-OFDM 256QAM	3500.01	633334	90	1	1	18.19
CP-OFDM 256QAM	3500.01	633334	90	1	243	18.36
CP-OFDM 256QAM	3500.01	633334	90	245	0	18.29
DFT-s-OFDM PI/2 BPSK	3504.99	633666	90	120	60	20.18
DFT-s-OFDM PI/2 BPSK	3504.99	633666	90	1	1	20.00

DFT-s-OFDM PI/2 BPSK	3504.99	633666	90	1	243	20.06
DFT-s-OFDM PI/2 BPSK	3504.99	633666	90	243	0	20.23
DFT-s-OFDM QPSK	3504.99	633666	90	120	60	24.63
DFT-s-OFDM QPSK	3504.99	633666	90	1	1	24.60
DFT-s-OFDM QPSK	3504.99	633666	90	1	243	24.76
DFT-s-OFDM QPSK	3504.99	633666	90	243	0	23.75
DFT-s-OFDM 16QAM	3504.99	633666	90	120	60	23.70
DFT-s-OFDM 16QAM	3504.99	633666	90	1	1	23.76
DFT-s-OFDM 16QAM	3504.99	633666	90	1	243	23.92
DFT-s-OFDM 16QAM	3504.99	633666	90	243	0	22.69
DFT-s-OFDM 64QAM	3504.99	633666	90	120	60	22.20
DFT-s-OFDM 64QAM	3504.99	633666	90	1	1	21.73
DFT-s-OFDM 64QAM	3504.99	633666	90	1	243	21.92
DFT-s-OFDM 64QAM	3504.99	633666	90	243	0	22.18
DFT-s-OFDM 256QAM	3504.99	633666	90	120	60	20.18
DFT-s-OFDM 256QAM	3504.99	633666	90	1	1	20.03
DFT-s-OFDM 256QAM	3504.99	633666	90	1	243	20.04
DFT-s-OFDM 256QAM	3504.99	633666	90	243	0	20.22
CP-OFDM QPSK	3504.99	633666	90	123	61	23.21
CP-OFDM QPSK	3504.99	633666	90	1	1	23.27
CP-OFDM QPSK	3504.99	633666	90	1	243	23.22
CP-OFDM QPSK	3504.99	633666	90	245	0	21.62
CP-OFDM 16QAM	3504.99	633666	90	123	61	22.66
CP-OFDM 16QAM	3504.99	633666	90	1	1	22.66
CP-OFDM 16QAM	3504.99	633666	90	1	243	22.91
CP-OFDM 16QAM	3504.99	633666	90	245	0	21.68
CP-OFDM 64QAM	3504.99	633666	90	123	61	21.24
CP-OFDM 64QAM	3504.99	633666	90	1	1	20.64
CP-OFDM 64QAM	3504.99	633666	90	1	243	20.78
CP-OFDM 64QAM	3504.99	633666	90	245	0	21.21
CP-OFDM 256QAM	3504.99	633666	90	123	61	18.45
CP-OFDM 256QAM	3504.99	633666	90	1	1	18.32
CP-OFDM 256QAM	3504.99	633666	90	1	243	18.22
CP-OFDM 256QAM	3504.99	633666	90	245	0	18.28

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)
DFT-s-OFDM PI/2 BPSK	3500.01	633334	100	135	67	20.16
DFT-s-OFDM PI/2 BPSK	3500.01	633334	100	1	1	19.87
DFT-s-OFDM PI/2 BPSK	3500.01	633334	100	1	271	20.10
DFT-s-OFDM PI/2 BPSK	3500.01	633334	100	270	0	20.22
DFT-s-OFDM QPSK	3500.01	633334	100	135	67	24.66
DFT-s-OFDM QPSK	3500.01	633334	100	1	1	24.53
DFT-s-OFDM QPSK	3500.01	633334	100	1	271	24.68
DFT-s-OFDM QPSK	3500.01	633334	100	270	0	23.63

DFT-s-OFDM 16QAM	3500.01	633334	100	135	67	23.63
DFT-s-OFDM 16QAM	3500.01	633334	100	1	1	23.66
DFT-s-OFDM 16QAM	3500.01	633334	100	1	271	23.77
DFT-s-OFDM 16QAM	3500.01	633334	100	270	0	22.69
DFT-s-OFDM 64QAM	3500.01	633334	100	135	67	22.13
DFT-s-OFDM 64QAM	3500.01	633334	100	1	1	21.74
DFT-s-OFDM 64QAM	3500.01	633334	100	1	271	21.76
DFT-s-OFDM 64QAM	3500.01	633334	100	270	0	22.18
DFT-s-OFDM 256QAM	3500.01	633334	100	135	67	20.13
DFT-s-OFDM 256QAM	3500.01	633334	100	1	1	20.06
DFT-s-OFDM 256QAM	3500.01	633334	100	1	271	20.06
DFT-s-OFDM 256QAM	3500.01	633334	100	270	0	20.13
CP-OFDM QPSK	3500.01	633334	100	137	68	23.13
CP-OFDM QPSK	3500.01	633334	100	1	1	22.95
CP-OFDM QPSK	3500.01	633334	100	1	271	23.27
CP-OFDM QPSK	3500.01	633334	100	273	0	21.63
CP-OFDM 16QAM	3500.01	633334	100	137	68	22.50
CP-OFDM 16QAM	3500.01	633334	100	1	1	22.57
CP-OFDM 16QAM	3500.01	633334	100	1	271	22.58
CP-OFDM 16QAM	3500.01	633334	100	273	0	21.71
CP-OFDM 64QAM	3500.01	633334	100	137	68	21.18
CP-OFDM 64QAM	3500.01	633334	100	1	1	20.68
CP-OFDM 64QAM	3500.01	633334	100	1	271	20.76
CP-OFDM 64QAM	3500.01	633334	100	273	0	21.13
CP-OFDM 256QAM	3500.01	633334	100	137	68	18.18
CP-OFDM 256QAM	3500.01	633334	100	1	1	17.96
CP-OFDM 256QAM	3500.01	633334	100	1	271	18.14
CP-OFDM 256QAM	3500.01	633334	100	273	0	18.21

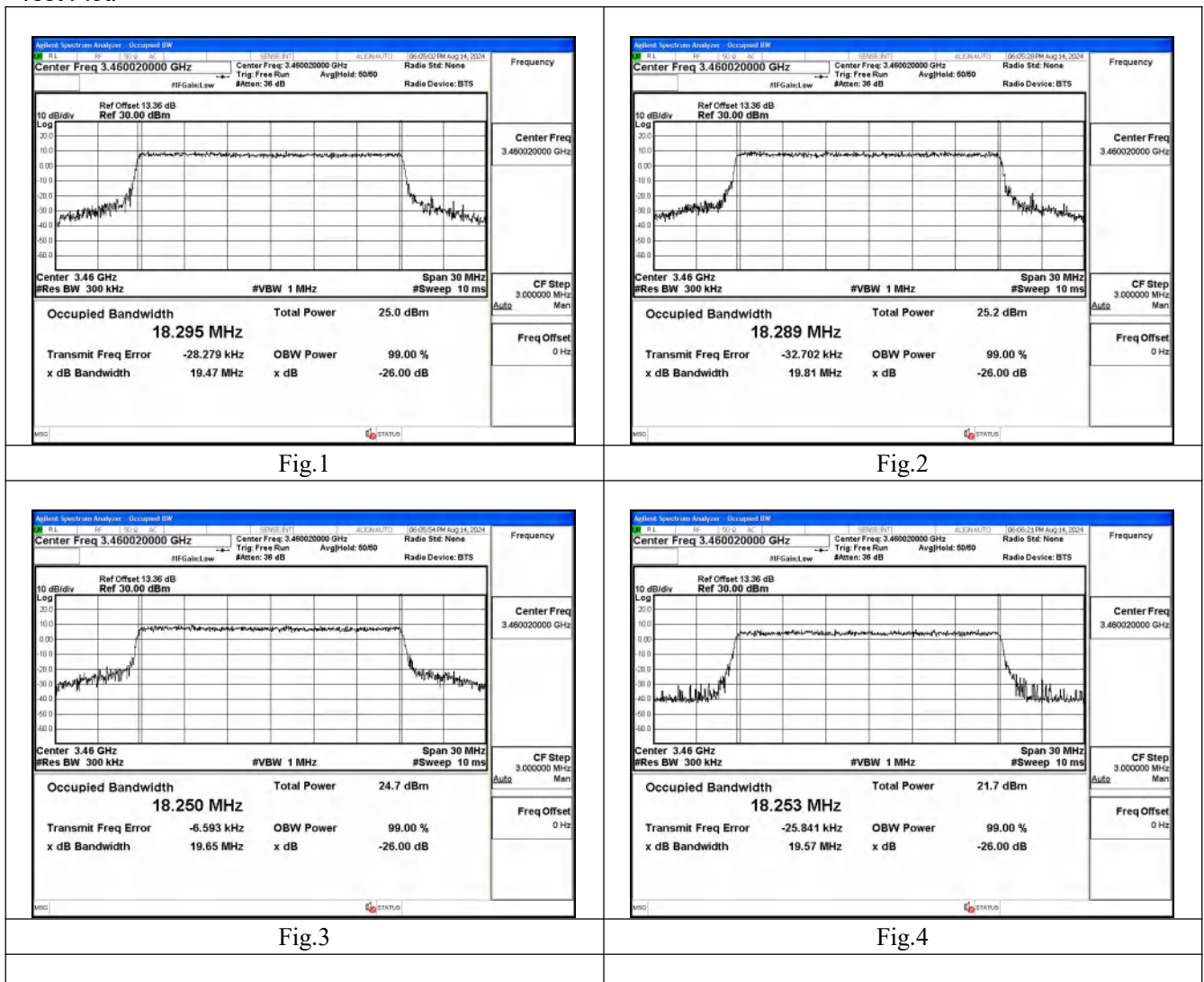
2 Occupied Bandwidth

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
CP-OFDM QPSK	3460.02	630668	20	51	0	18.290	Fig.1
CP-OFDM 16QAM	3460.02	630668	20	51	0	18.290	Fig.2
CP-OFDM 64QAM	3460.02	630668	20	51	0	18.250	Fig.3
CP-OFDM 256QAM	3460.02	630668	20	51	0	18.250	Fig.4
CP-OFDM QPSK	3500.01	633334	20	51	0	18.300	Fig.5
CP-OFDM 16QAM	3500.01	633334	20	51	0	18.270	Fig.6
CP-OFDM 64QAM	3500.01	633334	20	51	0	18.270	Fig.7
CP-OFDM 256QAM	3500.01	633334	20	51	0	18.270	Fig.8
CP-OFDM QPSK	3540	636000	20	51	0	18.310	Fig.9
CP-OFDM 16QAM	3540	636000	20	51	0	18.300	Fig.10
CP-OFDM 64QAM	3540	636000	20	51	0	18.300	Fig.11
CP-OFDM 256QAM	3540	636000	20	51	0	18.280	Fig.12
CP-OFDM QPSK	3465	631000	30	78	0	27.890	Fig.13
CP-OFDM 16QAM	3465	631000	30	78	0	27.890	Fig.14
CP-OFDM 64QAM	3465	631000	30	78	0	27.900	Fig.15
CP-OFDM 256QAM	3465	631000	30	78	0	27.920	Fig.16
CP-OFDM QPSK	3500.01	633334	30	78	0	27.860	Fig.17
CP-OFDM 16QAM	3500.01	633334	30	78	0	27.850	Fig.18
CP-OFDM 64QAM	3500.01	633334	30	78	0	27.880	Fig.19
CP-OFDM 256QAM	3500.01	633334	30	78	0	27.900	Fig.20
CP-OFDM QPSK	3534.99	635666	30	78	0	27.890	Fig.21
CP-OFDM 16QAM	3534.99	635666	30	78	0	27.880	Fig.22
CP-OFDM 64QAM	3534.99	635666	30	78	0	27.890	Fig.23
CP-OFDM 256QAM	3534.99	635666	30	78	0	27.900	Fig.24
CP-OFDM QPSK	3470.01	631334	40	106	0	38.280	Fig.25
CP-OFDM 16QAM	3470.01	631334	40	106	0	38.250	Fig.26
CP-OFDM 64QAM	3470.01	631334	40	106	0	38.290	Fig.27
CP-OFDM 256QAM	3470.01	631334	40	106	0	38.270	Fig.28
CP-OFDM QPSK	3500.01	633334	40	106	0	38.240	Fig.29
CP-OFDM 16QAM	3500.01	633334	40	106	0	38.200	Fig.30
CP-OFDM 64QAM	3500.01	633334	40	106	0	38.210	Fig.31
CP-OFDM 256QAM	3500.01	633334	40	106	0	38.220	Fig.32
CP-OFDM QPSK	3529.98	635332	40	106	0	38.220	Fig.33
CP-OFDM 16QAM	3529.98	635332	40	106	0	38.170	Fig.34
CP-OFDM 64QAM	3529.98	635332	40	106	0	38.210	Fig.35
CP-OFDM 256QAM	3529.98	635332	40	106	0	38.210	Fig.36
CP-OFDM QPSK	3475.02	631668	50	133	0	47.810	Fig.37
CP-OFDM 16QAM	3475.02	631668	50	133	0	47.840	Fig.38
CP-OFDM 64QAM	3475.02	631668	50	133	0	47.880	Fig.39
CP-OFDM 256QAM	3475.02	631668	50	133	0	47.830	Fig.40
CP-OFDM QPSK	3500.01	633334	50	133	0	47.770	Fig.41
CP-OFDM 16QAM	3500.01	633334	50	133	0	47.750	Fig.42

CP-OFDM 64QAM	3500.01	633334	50	133	0	47.840	Fig.43
CP-OFDM 256QAM	3500.01	633334	50	133	0	47.750	Fig.44
CP-OFDM QPSK	3525	635000	50	133	0	47.800	Fig.45
CP-OFDM 16QAM	3525	635000	50	133	0	47.820	Fig.46
CP-OFDM 64QAM	3525	635000	50	133	0	47.850	Fig.47
CP-OFDM 256QAM	3525	635000	50	133	0	47.770	Fig.48
CP-OFDM QPSK	3480	632000	60	162	0	58.080	Fig.49
CP-OFDM 16QAM	3480	632000	60	162	0	58.140	Fig.50
CP-OFDM 64QAM	3480	632000	60	162	0	58.110	Fig.51
CP-OFDM 256QAM	3480	632000	60	162	0	58.080	Fig.52
CP-OFDM QPSK	3500.01	633334	60	162	0	58.080	Fig.53
CP-OFDM 16QAM	3500.01	633334	60	162	0	58.120	Fig.54
CP-OFDM 64QAM	3500.01	633334	60	162	0	58.020	Fig.55
CP-OFDM 256QAM	3500.01	633334	60	162	0	58.030	Fig.56
CP-OFDM QPSK	3519.99	634666	60	162	0	58.100	Fig.57
CP-OFDM 16QAM	3519.99	634666	60	162	0	58.130	Fig.58
CP-OFDM 64QAM	3519.99	634666	60	162	0	58.110	Fig.59
CP-OFDM 256QAM	3519.99	634666	60	162	0	58.080	Fig.60
CP-OFDM QPSK	3485.01	632334	70	189	0	67.690	Fig.61
CP-OFDM 16QAM	3485.01	632334	70	189	0	67.670	Fig.62
CP-OFDM 64QAM	3485.01	632334	70	189	0	67.710	Fig.63
CP-OFDM 256QAM	3485.01	632334	70	189	0	67.670	Fig.64
CP-OFDM QPSK	3500.01	633334	70	189	0	67.600	Fig.65
CP-OFDM 16QAM	3500.01	633334	70	189	0	67.580	Fig.66
CP-OFDM 64QAM	3500.01	633334	70	189	0	67.700	Fig.67
CP-OFDM 256QAM	3500.01	633334	70	189	0	67.560	Fig.68
CP-OFDM QPSK	3514.98	634332	70	189	0	67.630	Fig.69
CP-OFDM 16QAM	3514.98	634332	70	189	0	67.560	Fig.70
CP-OFDM 64QAM	3514.98	634332	70	189	0	67.700	Fig.71
CP-OFDM 256QAM	3514.98	634332	70	189	0	67.570	Fig.72
CP-OFDM QPSK	3490.02	632668	80	217	0	77.560	Fig.73
CP-OFDM 16QAM	3490.02	632668	80	217	0	77.630	Fig.74
CP-OFDM 64QAM	3490.02	632668	80	217	0	77.630	Fig.75
CP-OFDM 256QAM	3490.02	632668	80	217	0	77.560	Fig.76
CP-OFDM QPSK	3500.01	633334	80	217	0	77.500	Fig.77
CP-OFDM 16QAM	3500.01	633334	80	217	0	77.560	Fig.78
CP-OFDM 64QAM	3500.01	633334	80	217	0	77.560	Fig.79
CP-OFDM 256QAM	3500.01	633334	80	217	0	77.500	Fig.80
CP-OFDM QPSK	3510	634000	80	217	0	77.490	Fig.81
CP-OFDM 16QAM	3510	634000	80	217	0	77.550	Fig.82
CP-OFDM 64QAM	3510	634000	80	217	0	77.560	Fig.83
CP-OFDM 256QAM	3510	634000	80	217	0	77.410	Fig.84
CP-OFDM QPSK	3495	633000	90	245	0	87.520	Fig.85
CP-OFDM 16QAM	3495	633000	90	245	0	87.570	Fig.86
CP-OFDM 64QAM	3495	633000	90	245	0	87.690	Fig.87

CP-OFDM 256QAM	3495	633000	90	245	0	87.690	Fig.88
CP-OFDM QPSK	3500.01	633334	90	245	0	87.570	Fig.89
CP-OFDM 16QAM	3500.01	633334	90	245	0	87.620	Fig.90
CP-OFDM 64QAM	3500.01	633334	90	245	0	87.660	Fig.91
CP-OFDM 256QAM	3500.01	633334	90	245	0	87.690	Fig.92
CP-OFDM QPSK	3504.99	633666	90	245	0	87.520	Fig.93
CP-OFDM 16QAM	3504.99	633666	90	245	0	87.570	Fig.94
CP-OFDM 64QAM	3504.99	633666	90	245	0	87.610	Fig.95
CP-OFDM 256QAM	3504.99	633666	90	245	0	87.630	Fig.96
CP-OFDM QPSK	3500.01	633334	100	273	0	97.530	Fig.97
CP-OFDM 16QAM	3500.01	633334	100	273	0	97.590	Fig.98
CP-OFDM 64QAM	3500.01	633334	100	273	0	97.480	Fig.99
CP-OFDM 256QAM	3500.01	633334	100	273	0	97.630	Fig.100

Test Plot:



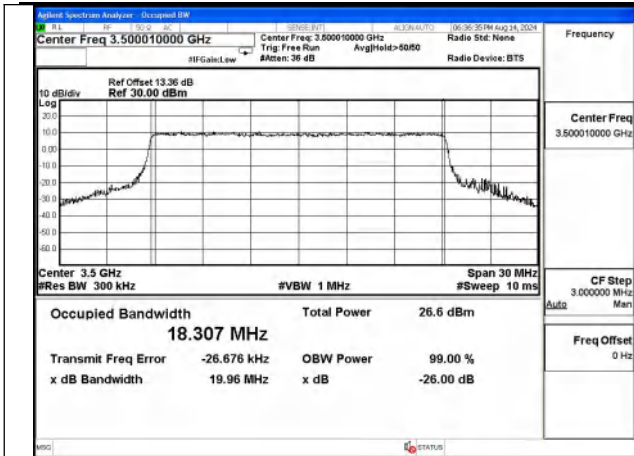


Fig.5

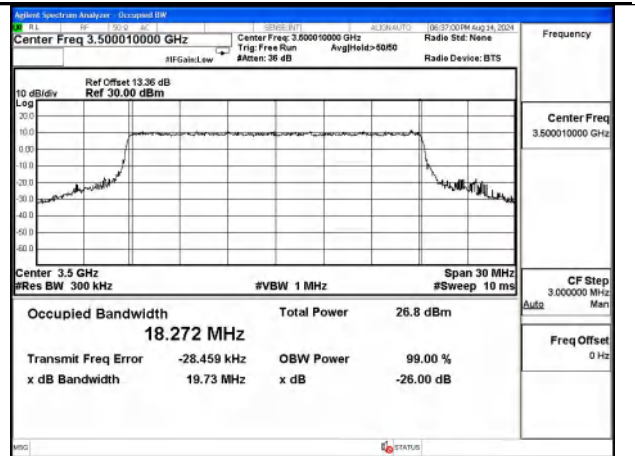


Fig.6

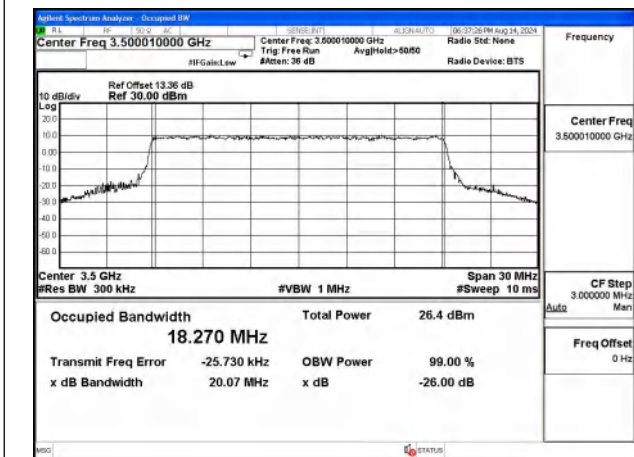


Fig.7

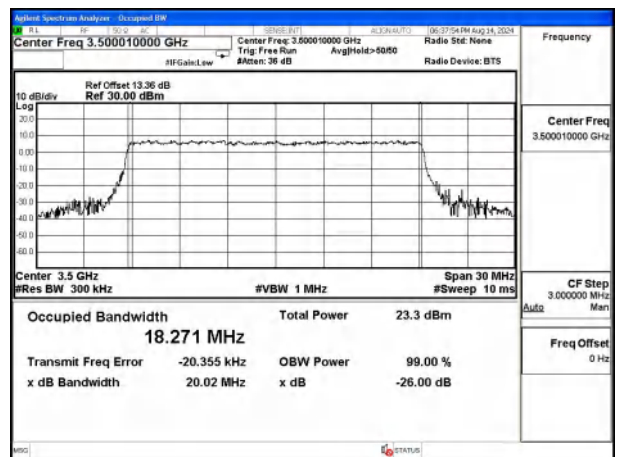


Fig.8

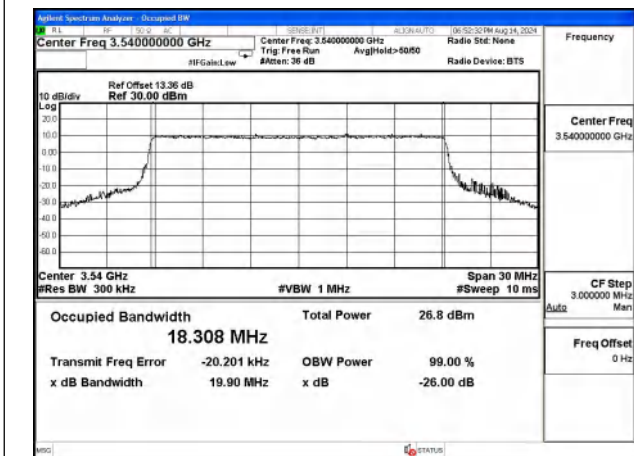


Fig.9

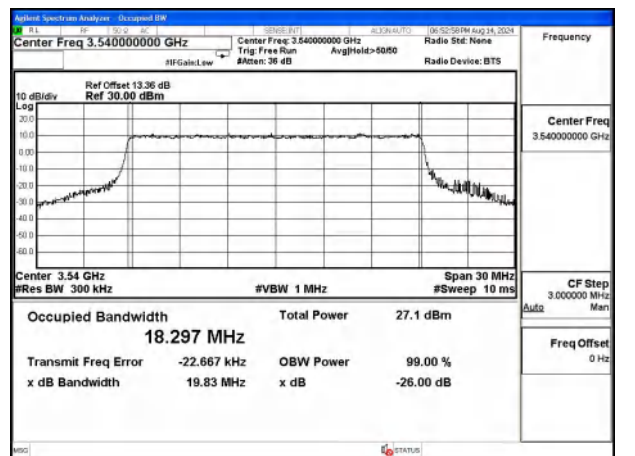


Fig.10

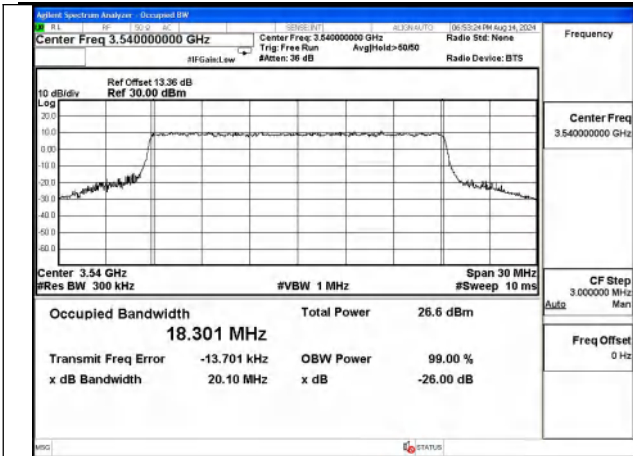


Fig.11

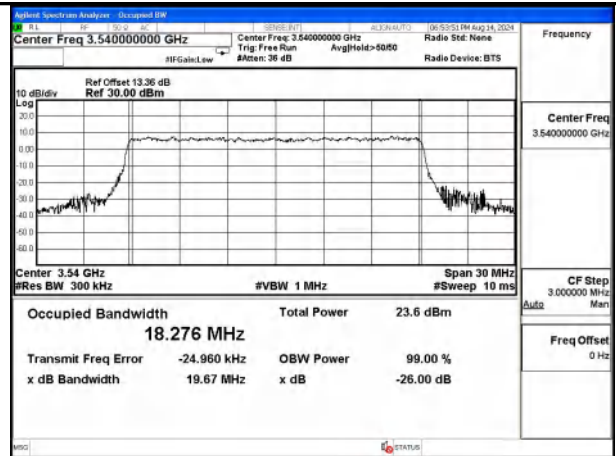


Fig.12

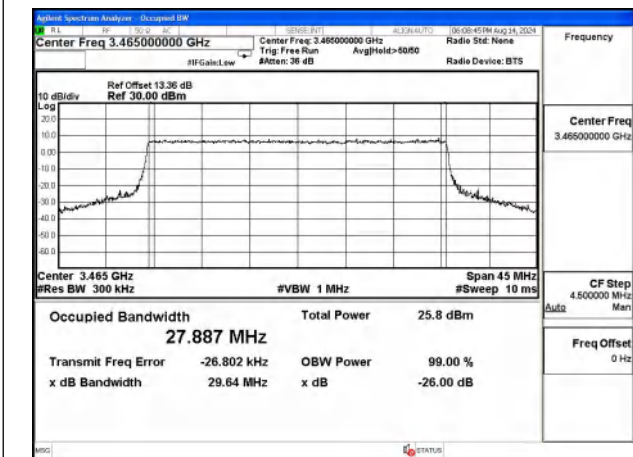


Fig.13

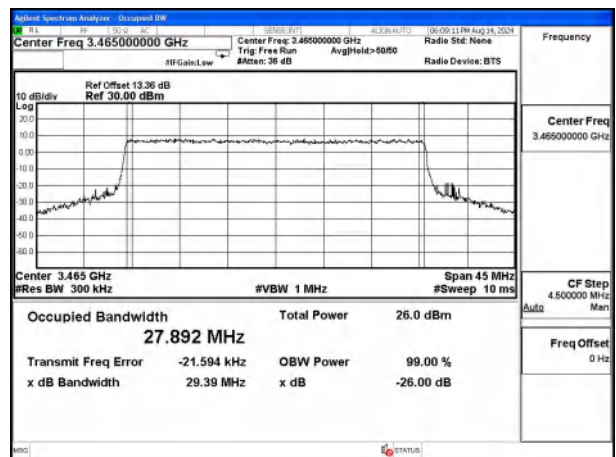


Fig.14

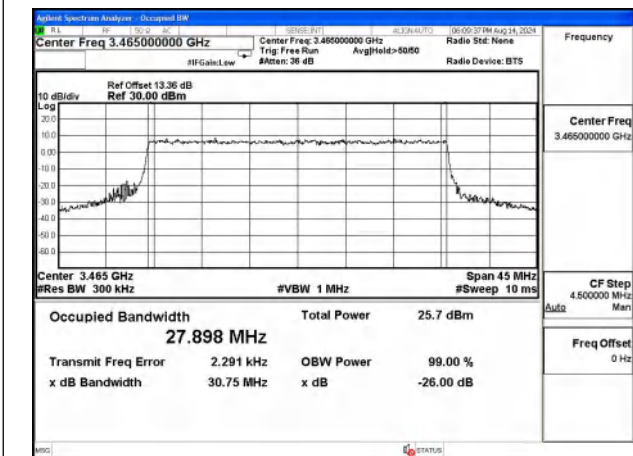


Fig.15

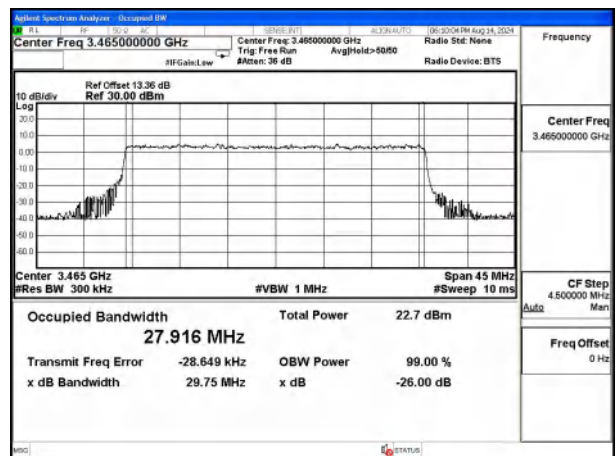


Fig.16

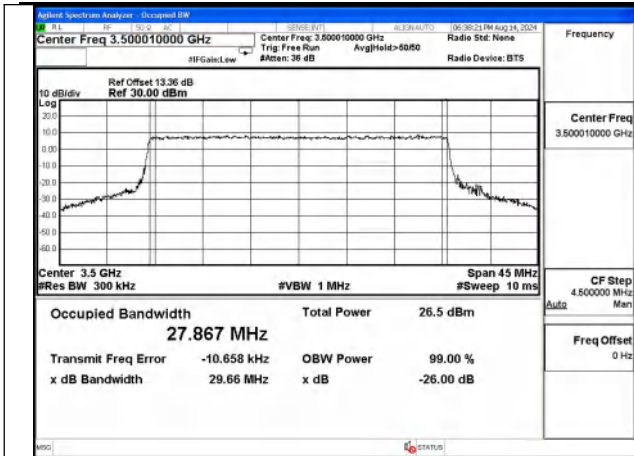


Fig.17

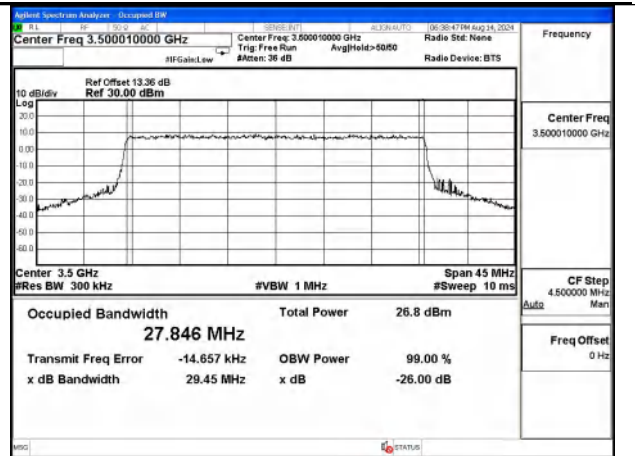


Fig.18

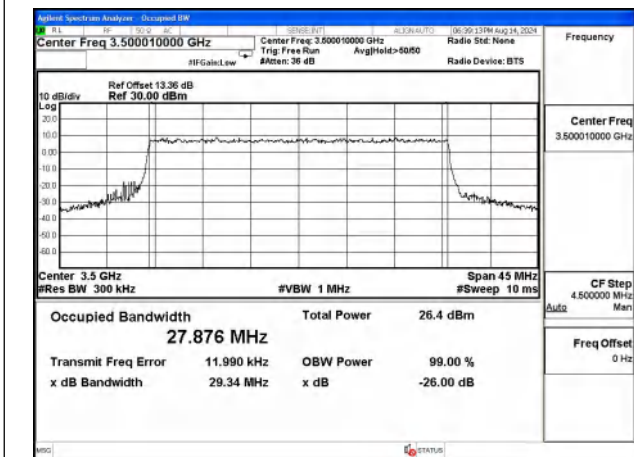


Fig.19

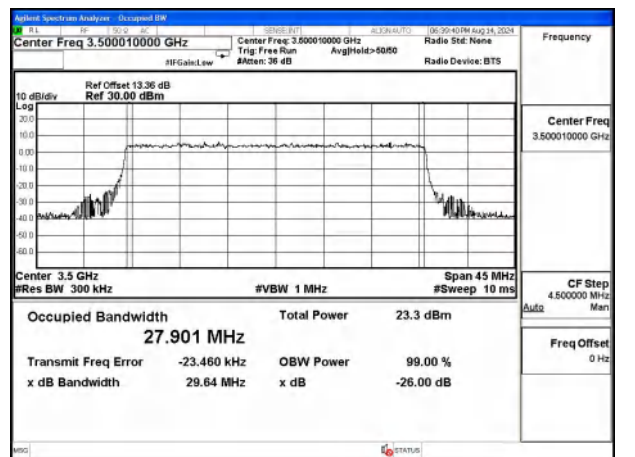


Fig.20

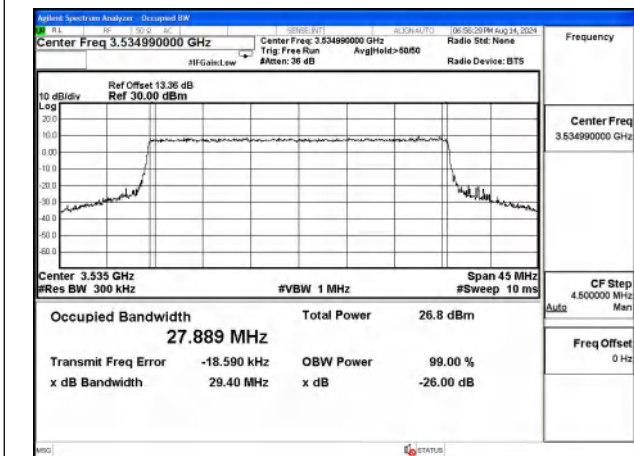


Fig.21

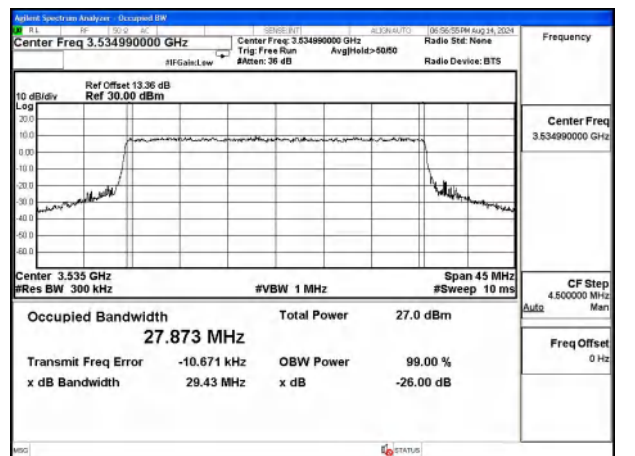


Fig.22

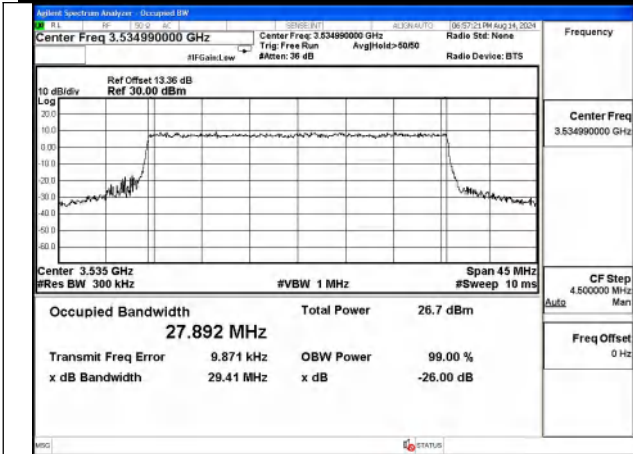


Fig.23

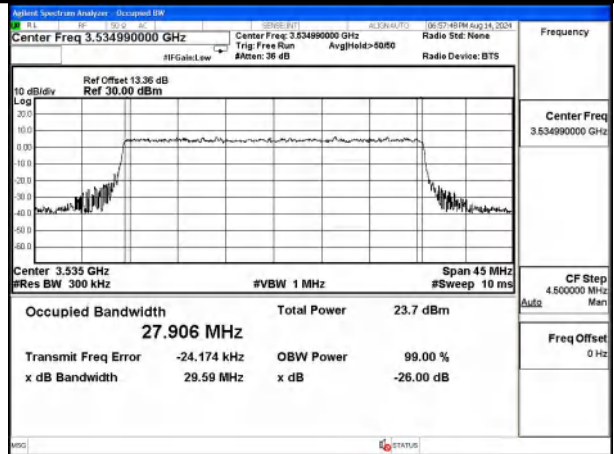


Fig.24

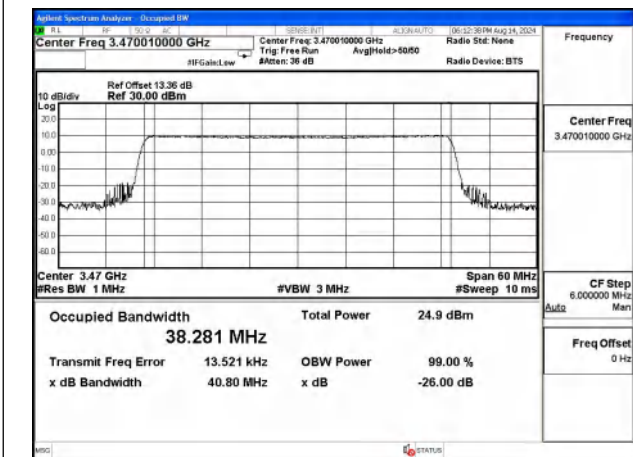


Fig.25

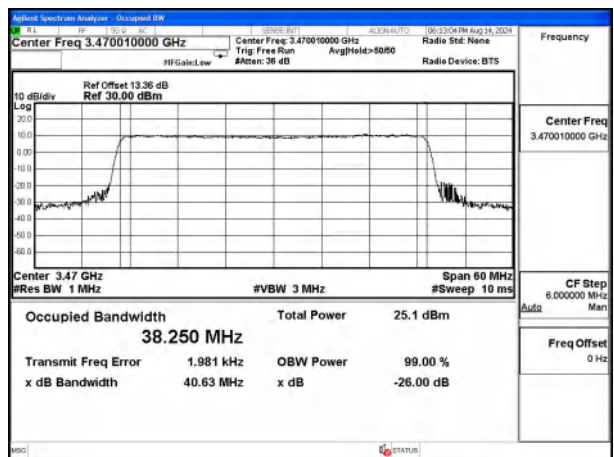


Fig.26

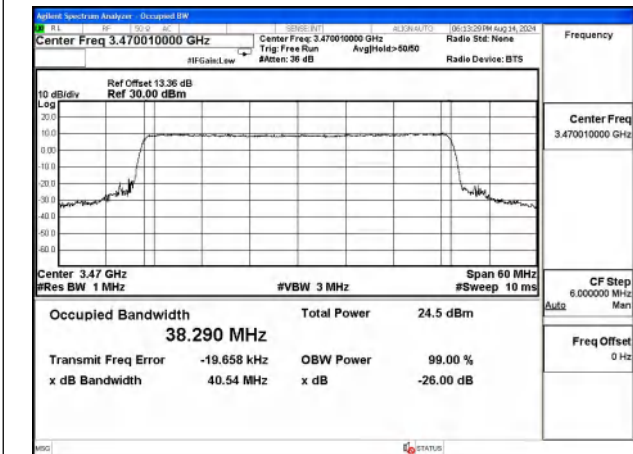


Fig.27

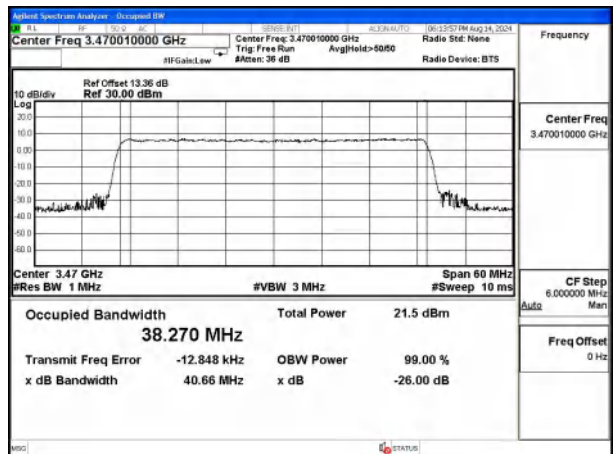


Fig.28

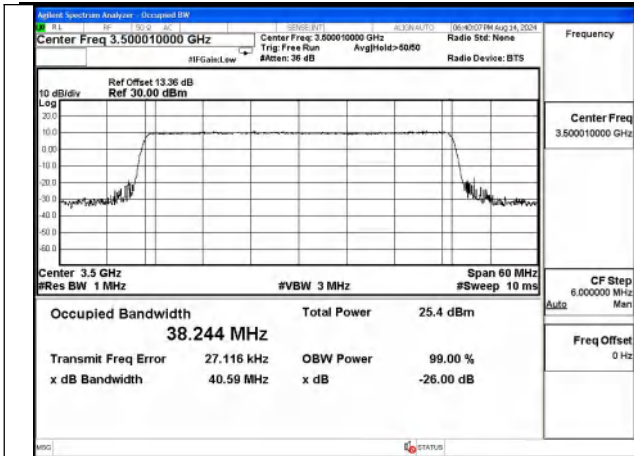


Fig.29

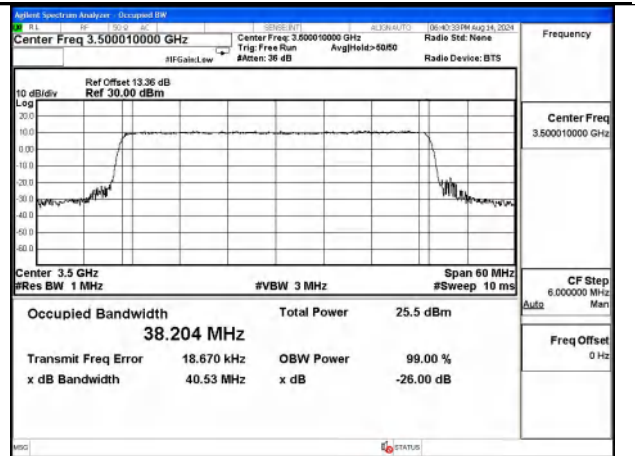


Fig.30

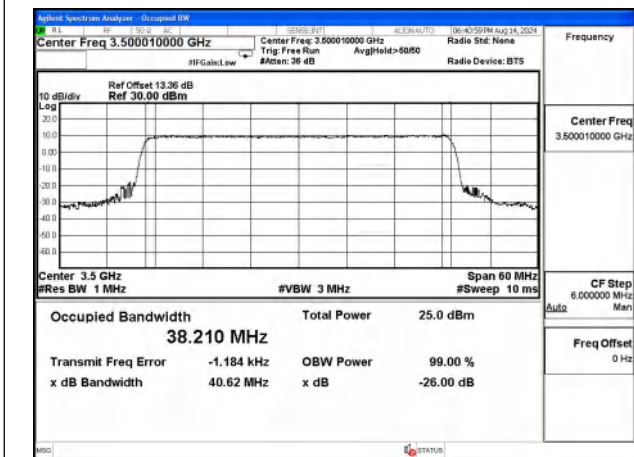


Fig.31

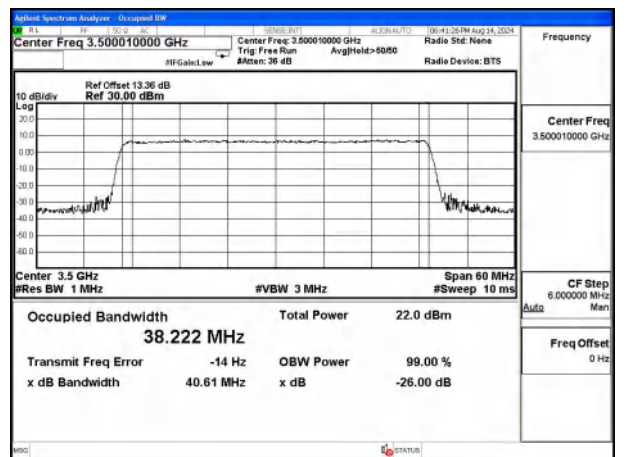


Fig.32

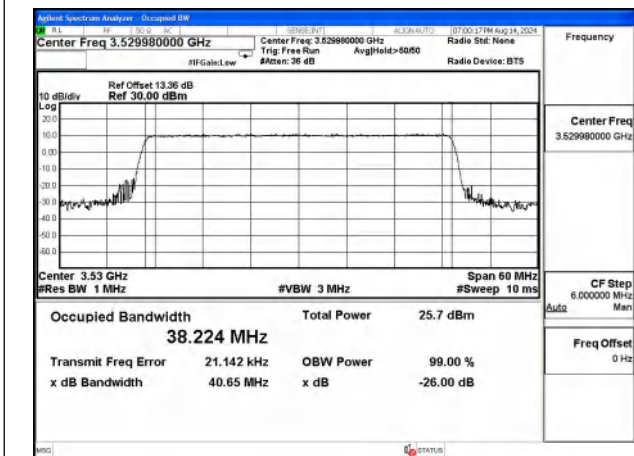


Fig.33

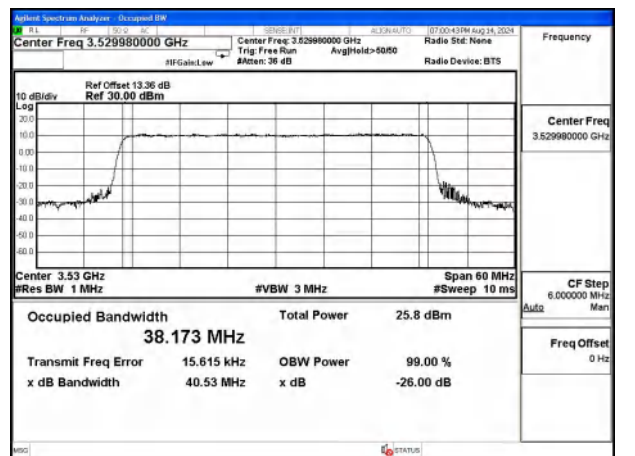


Fig.34

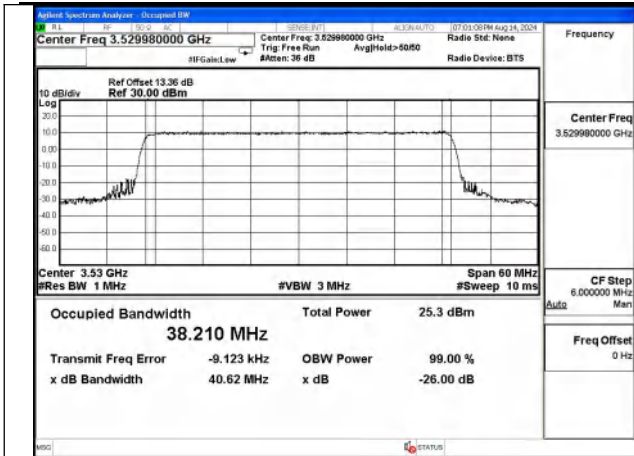


Fig.35

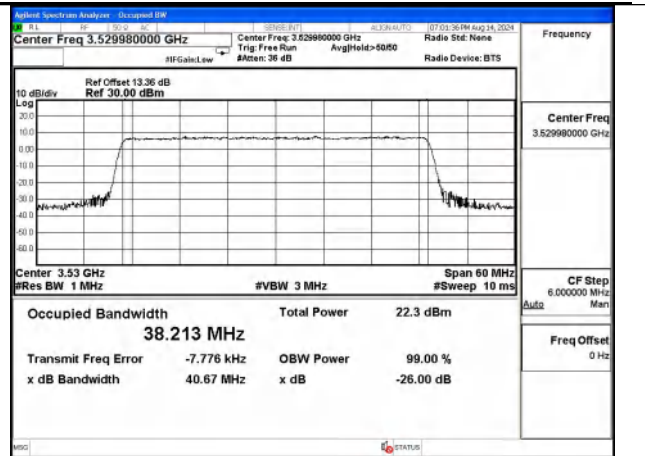


Fig.36

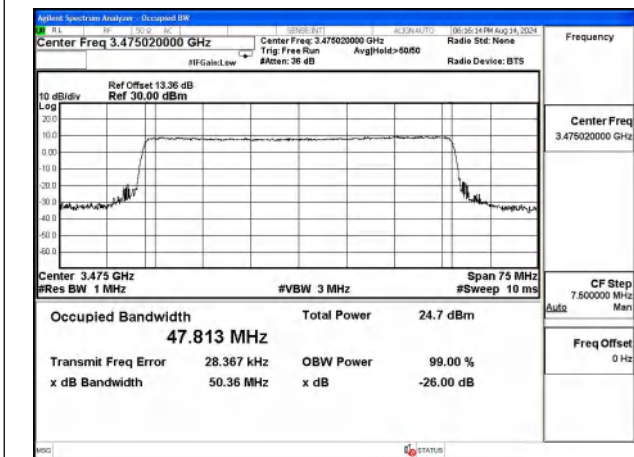


Fig.37

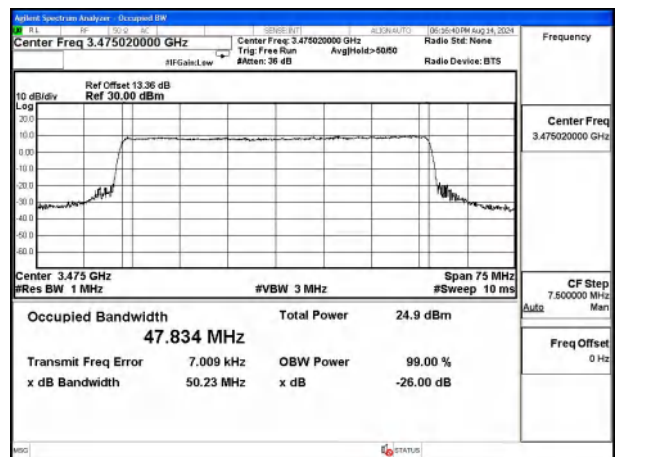


Fig.38

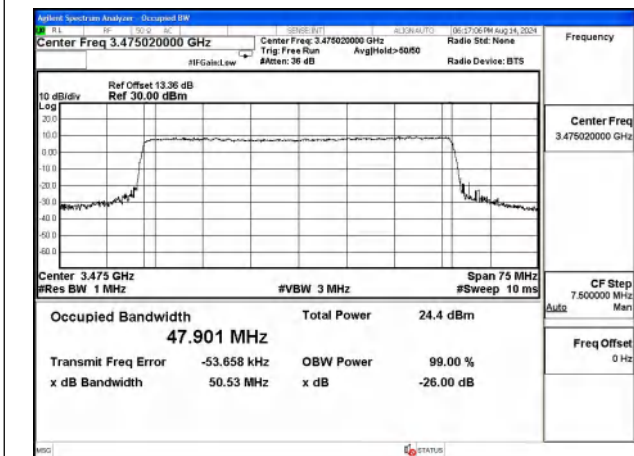


Fig.39

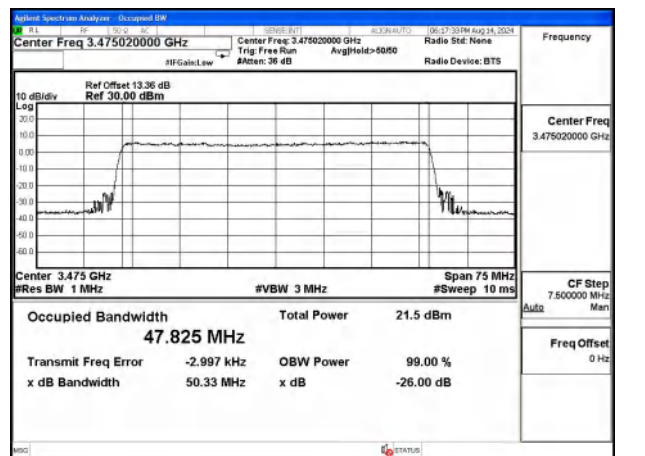


Fig.40

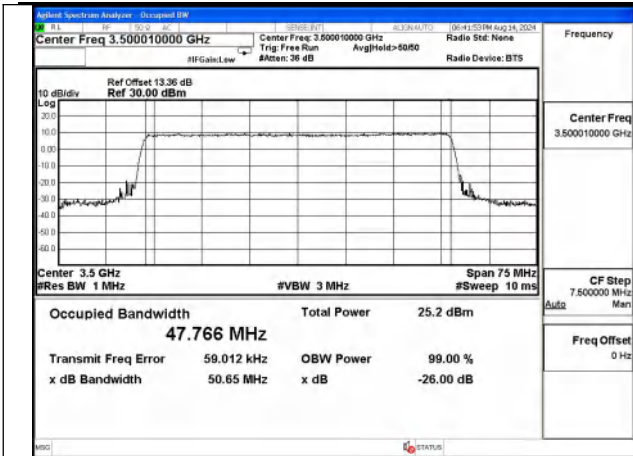


Fig.41

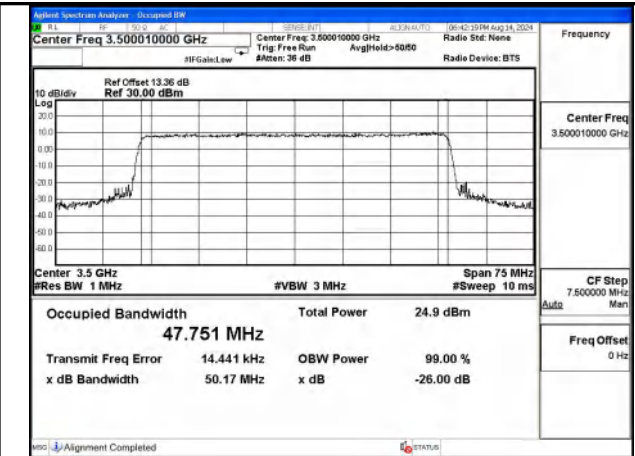


Fig.42

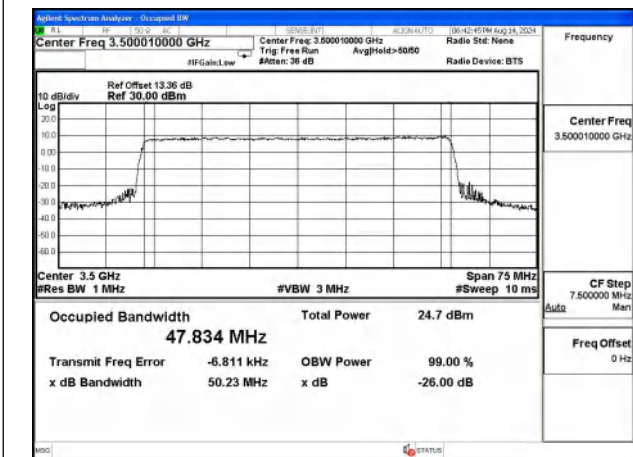


Fig.43

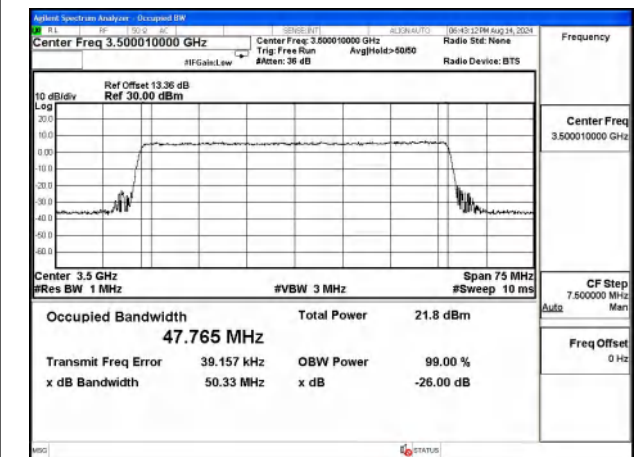


Fig.44

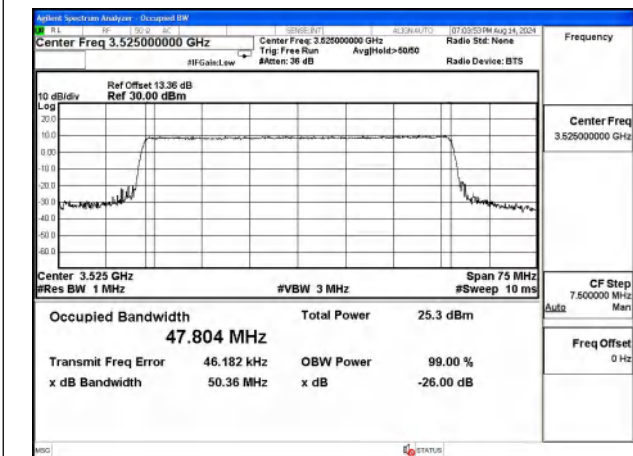


Fig.45

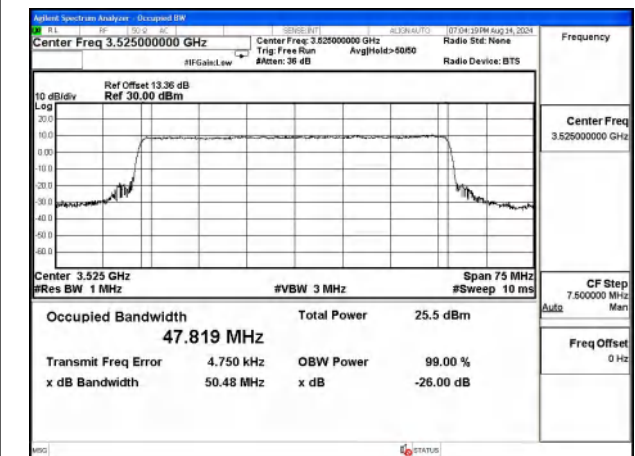


Fig.46

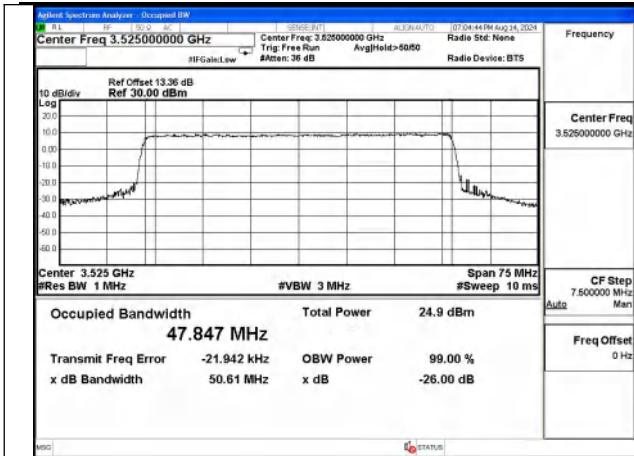


Fig.47

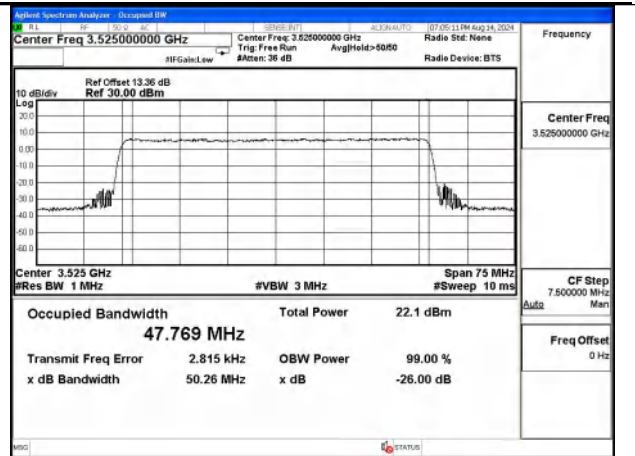


Fig.48

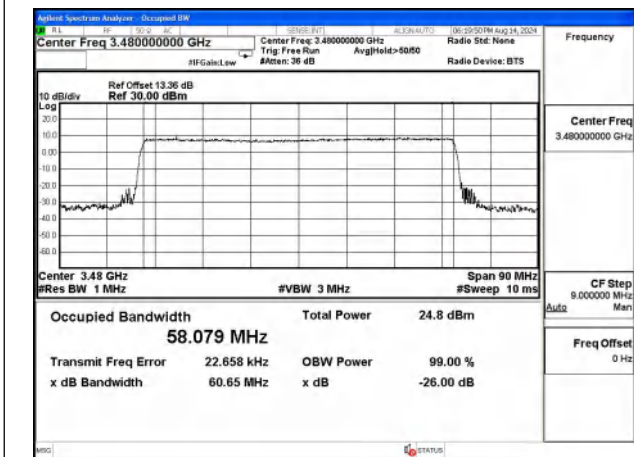


Fig.49

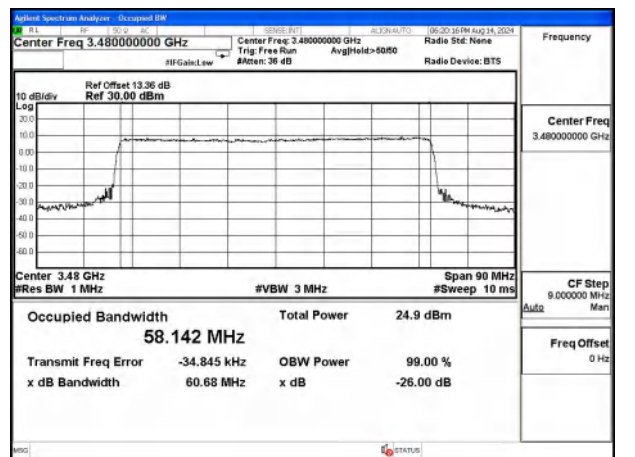


Fig.50

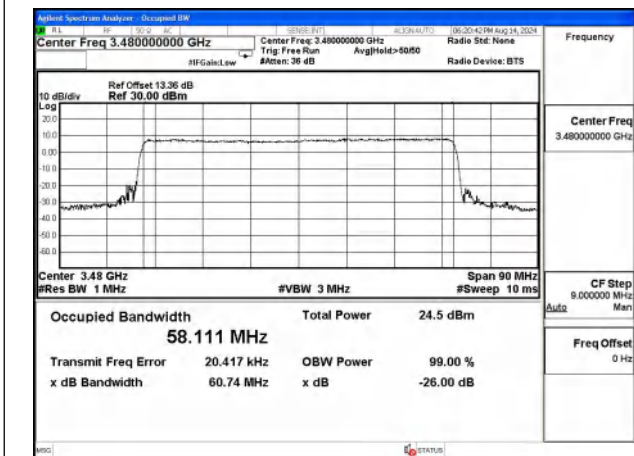


Fig.51

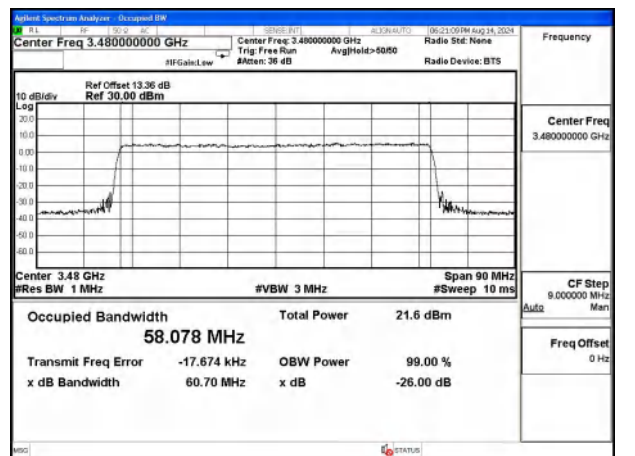


Fig.52

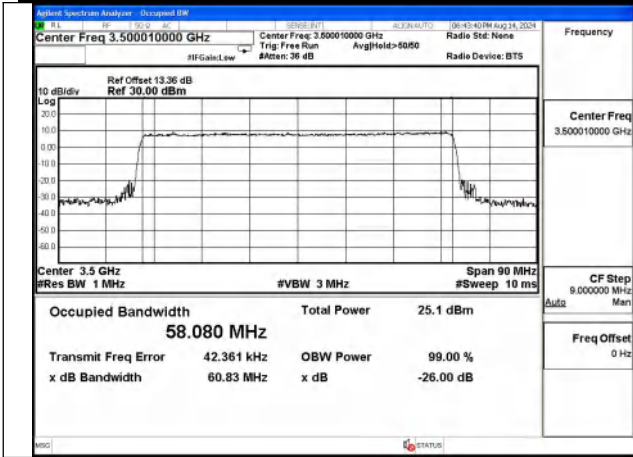


Fig.53

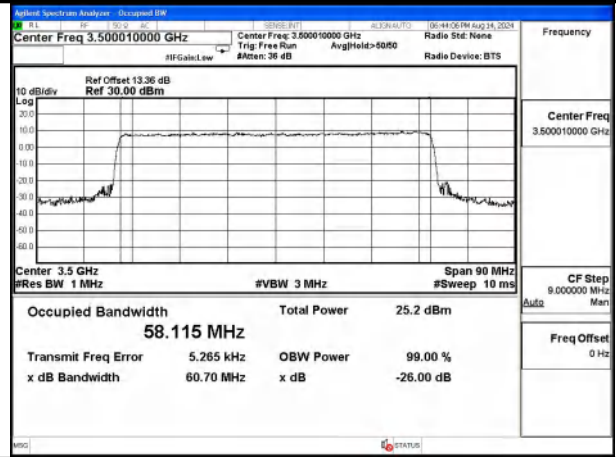


Fig.54

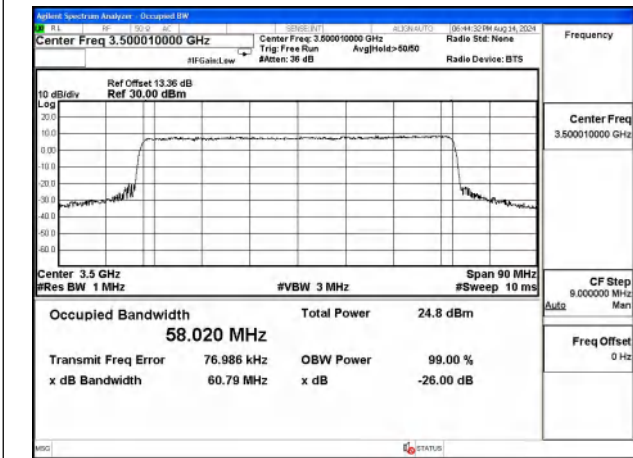


Fig.55

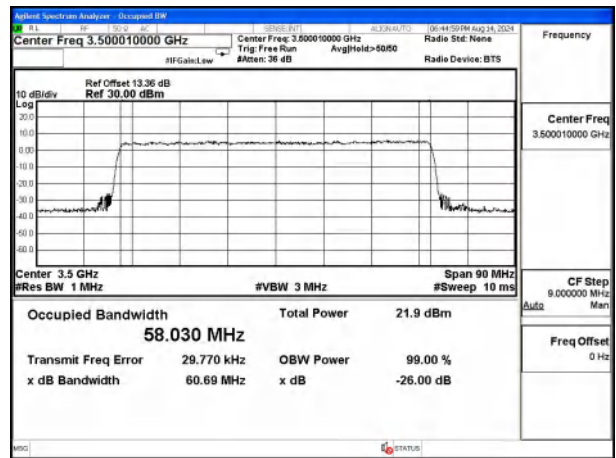


Fig.56

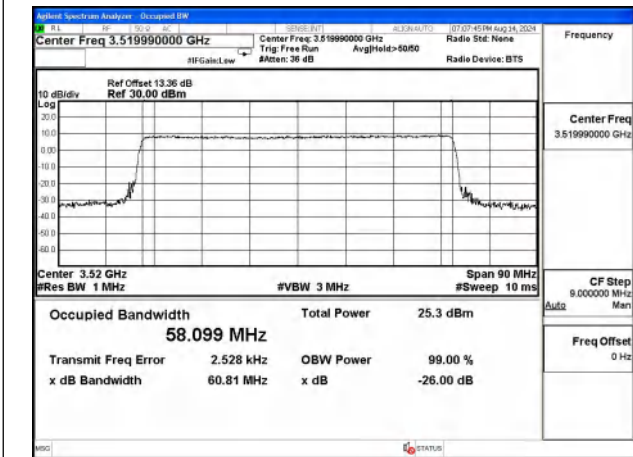


Fig.57

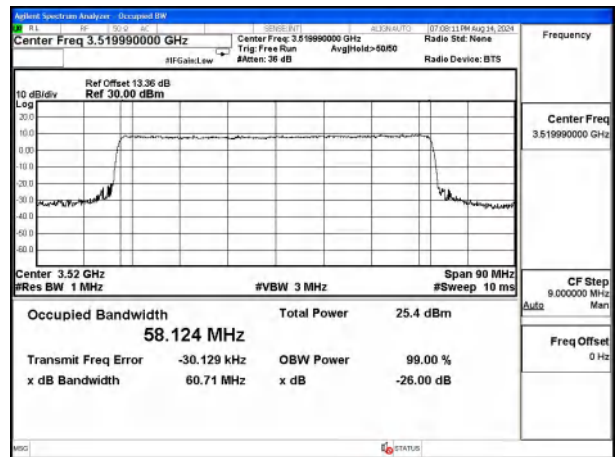


Fig.58

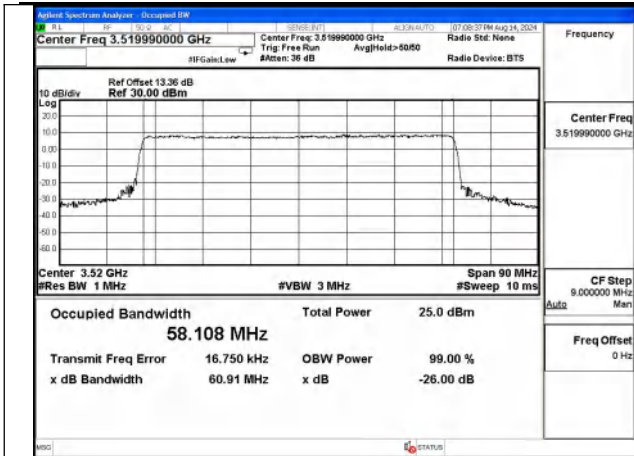


Fig.59

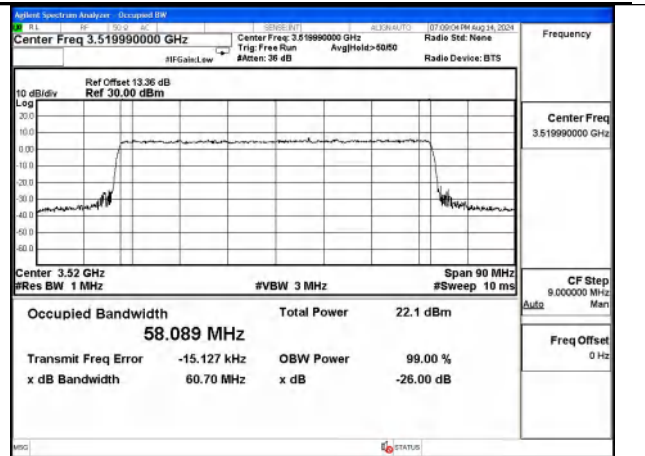


Fig.60

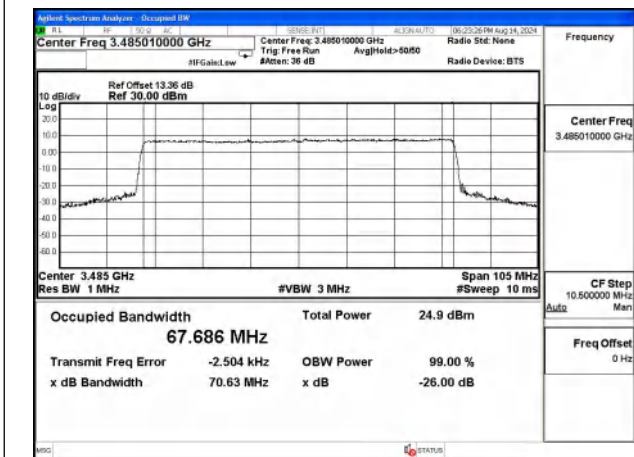


Fig.61

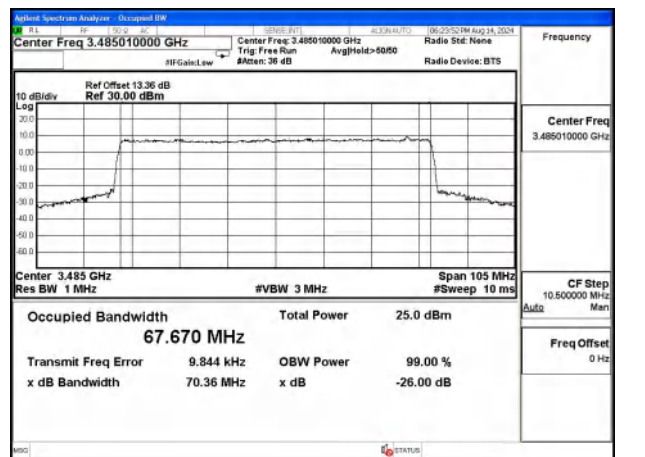


Fig.62

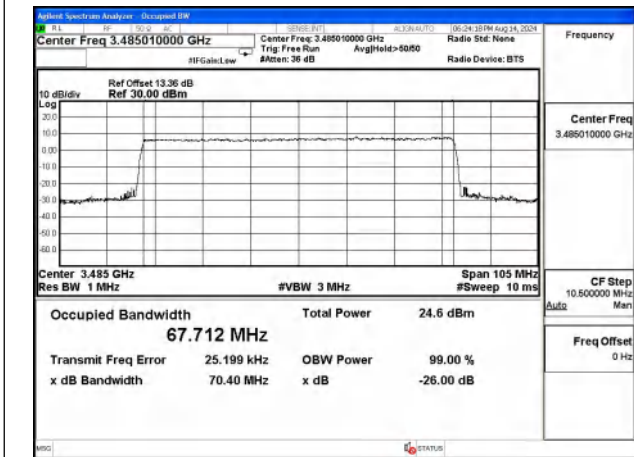


Fig.63

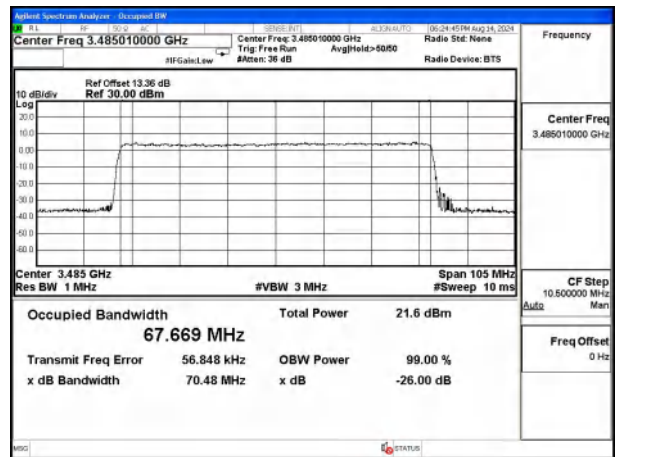


Fig.64

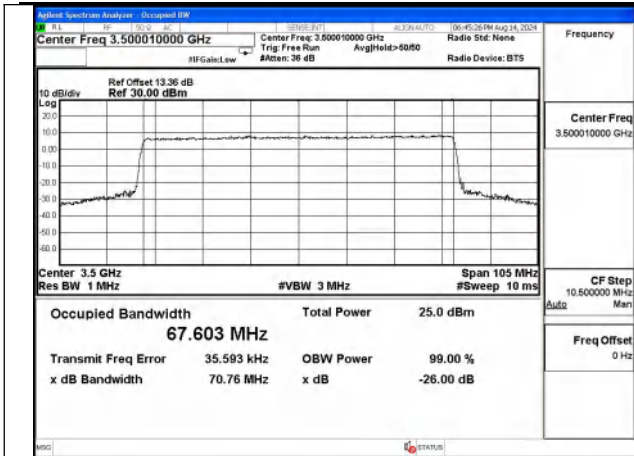


Fig.65

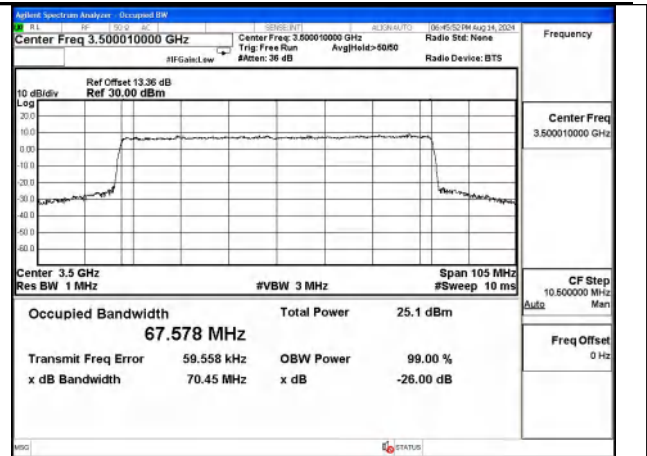


Fig.66

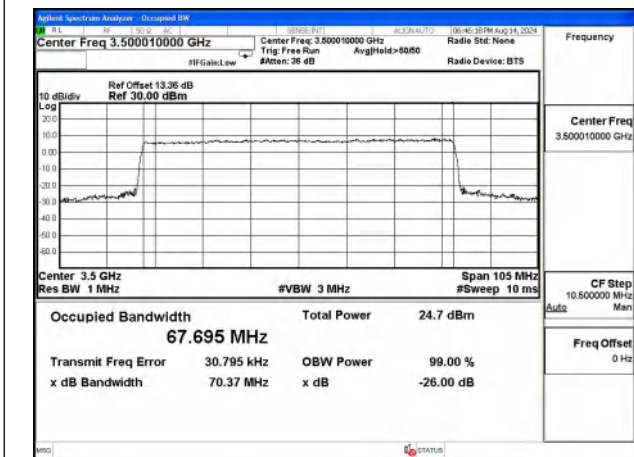


Fig.67

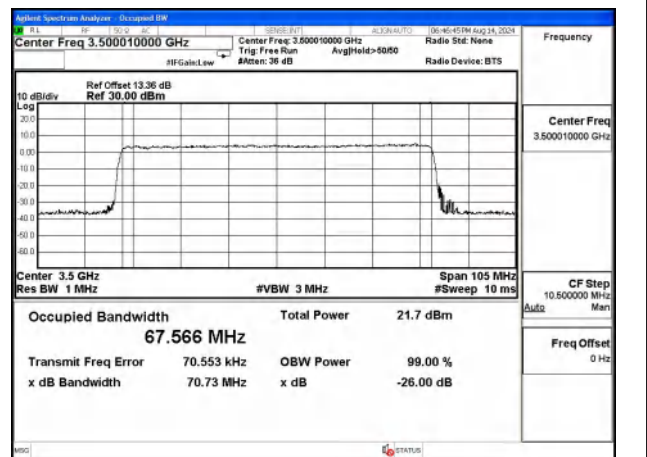


Fig.68

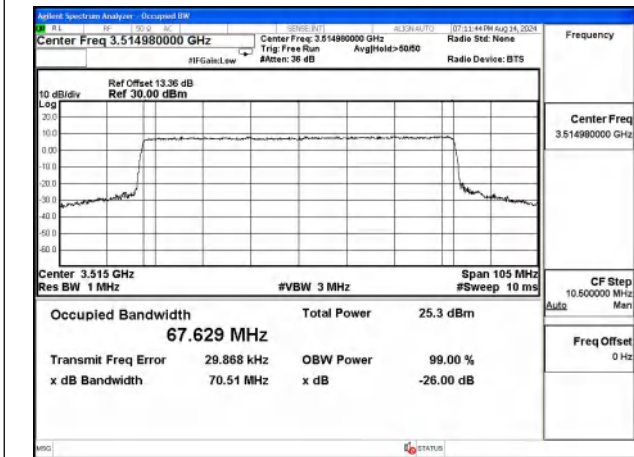


Fig.69

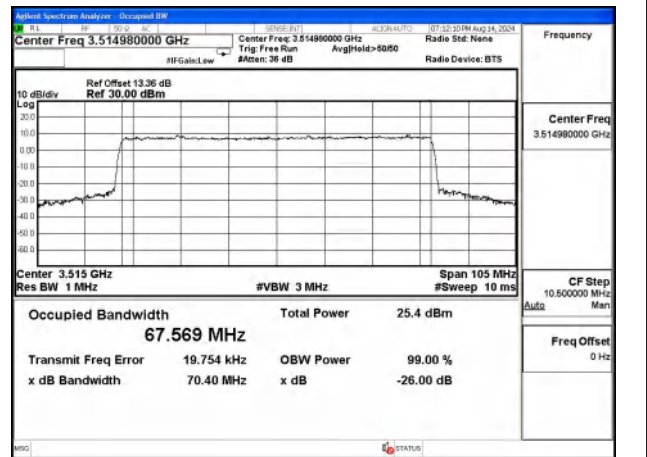


Fig.70

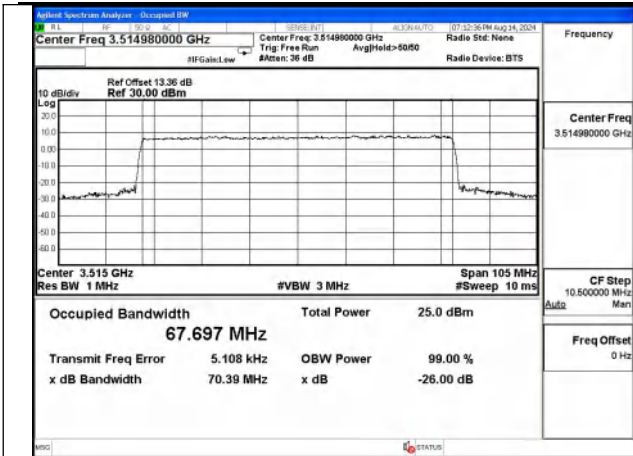


Fig.71

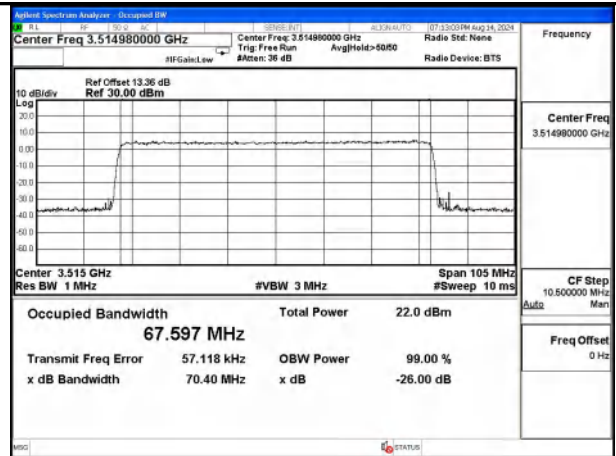


Fig.72

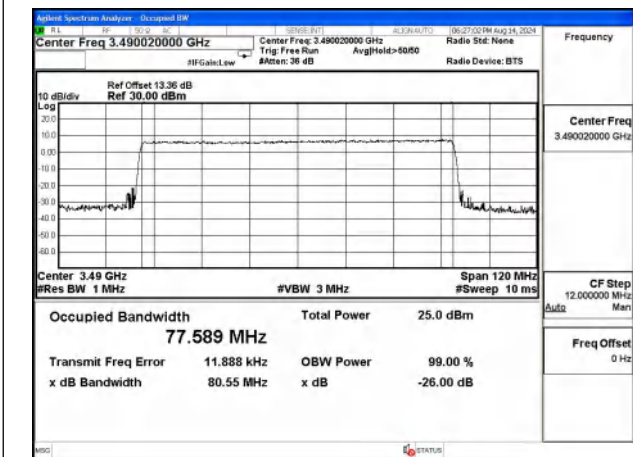


Fig.73

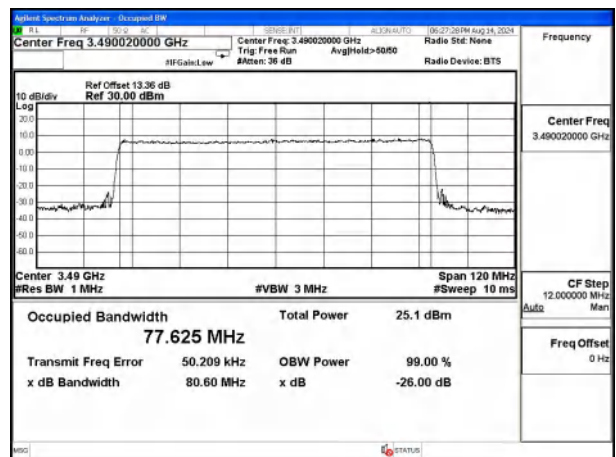


Fig.74

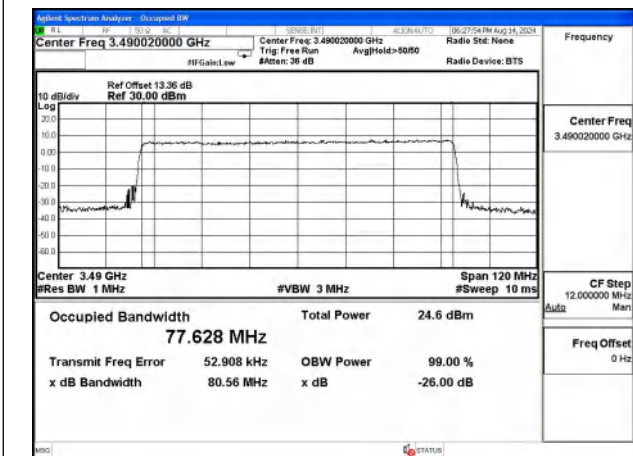


Fig.75

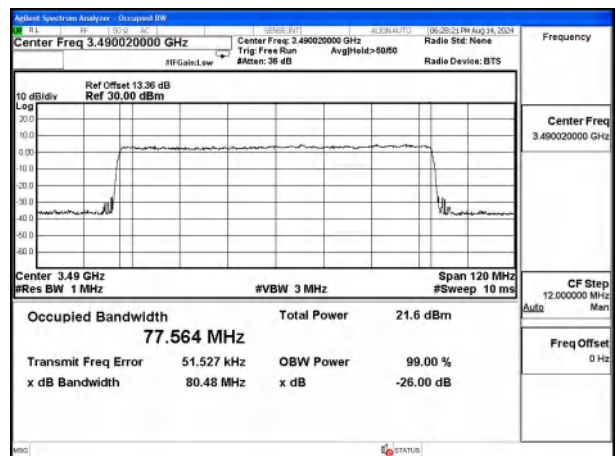


Fig.76

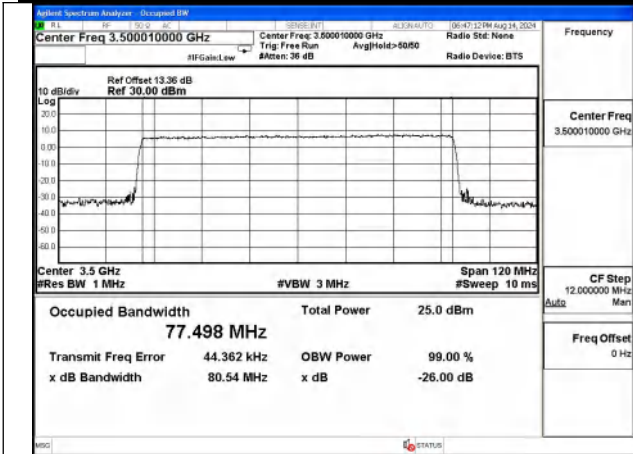


Fig.77

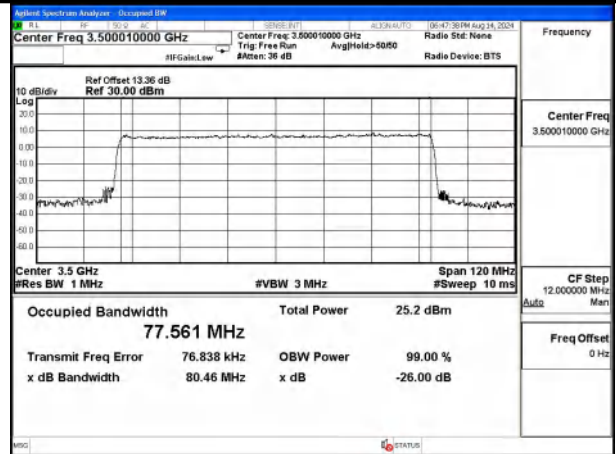


Fig.78

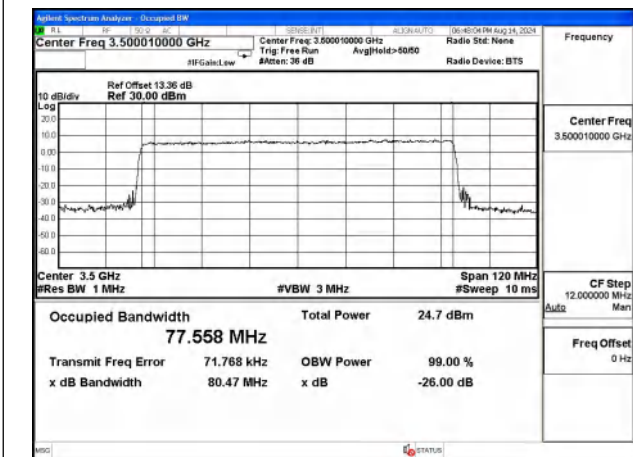


Fig.79

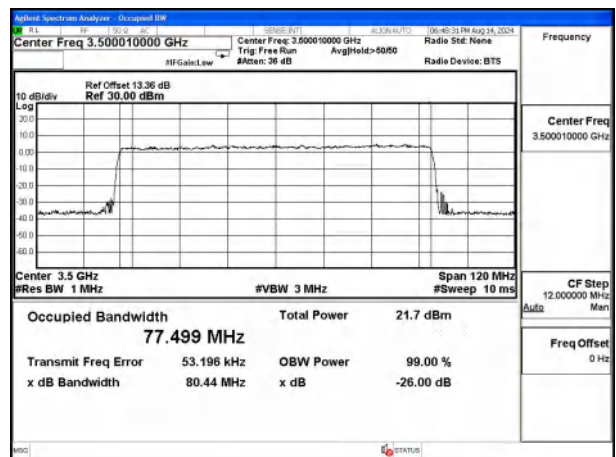


Fig.80

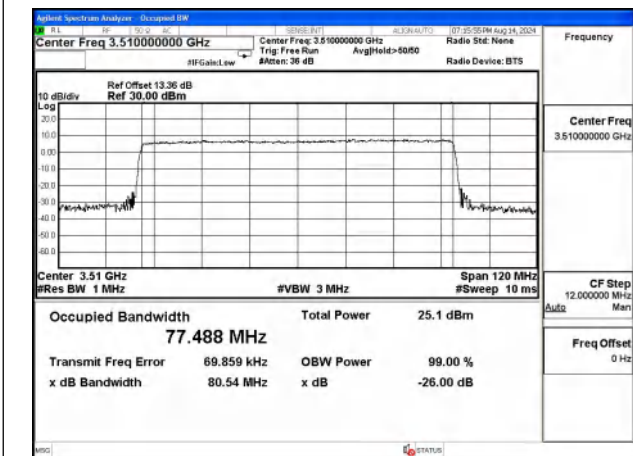


Fig.81

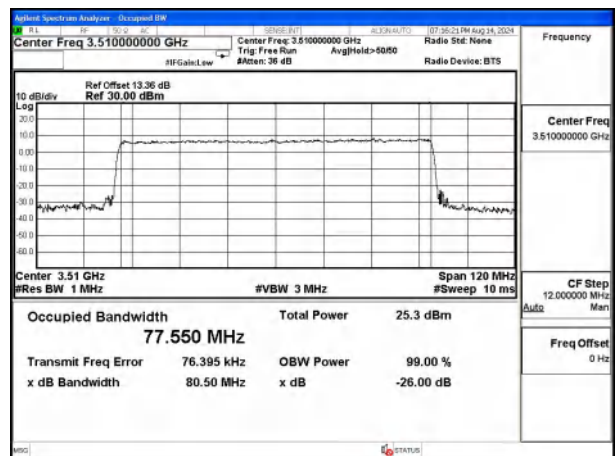


Fig.82

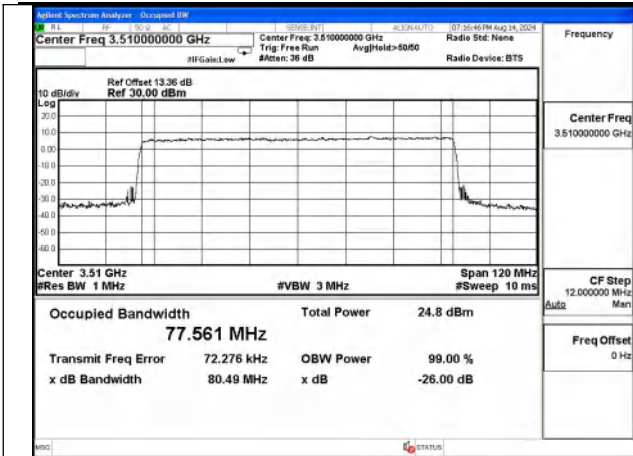


Fig.83

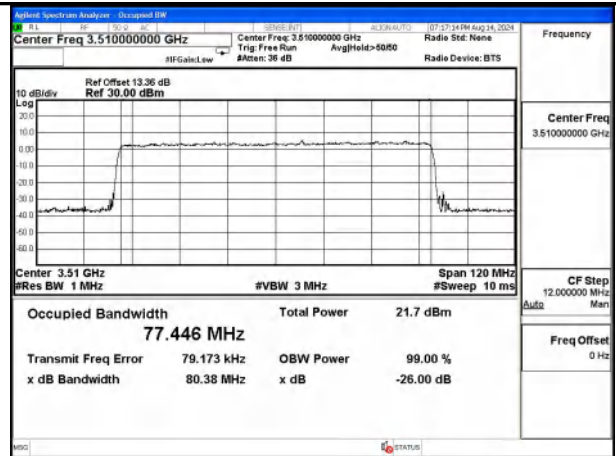


Fig.84

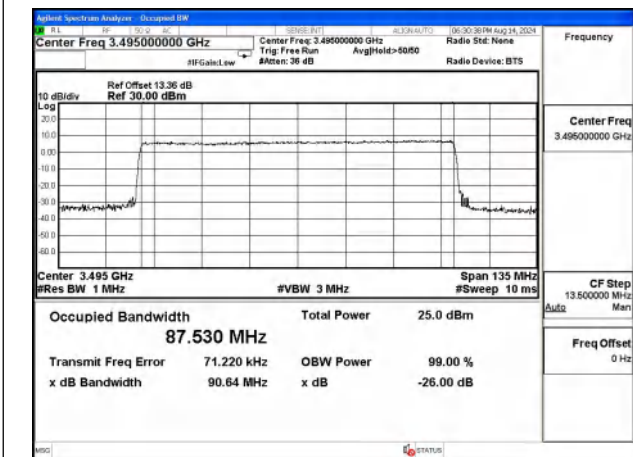


Fig.85

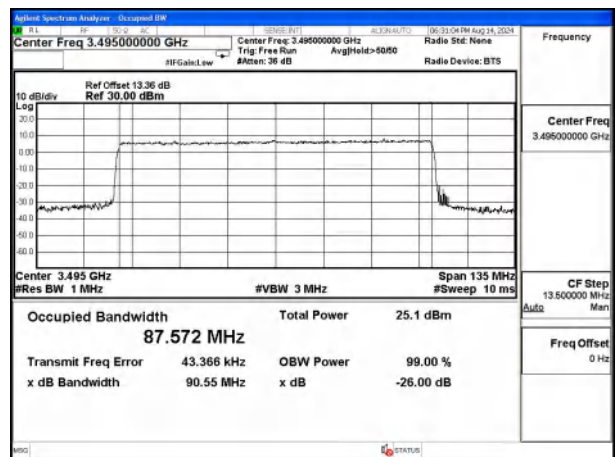


Fig.86

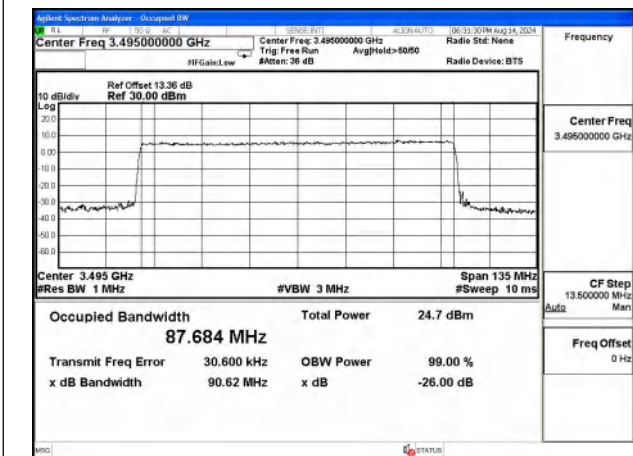


Fig.87

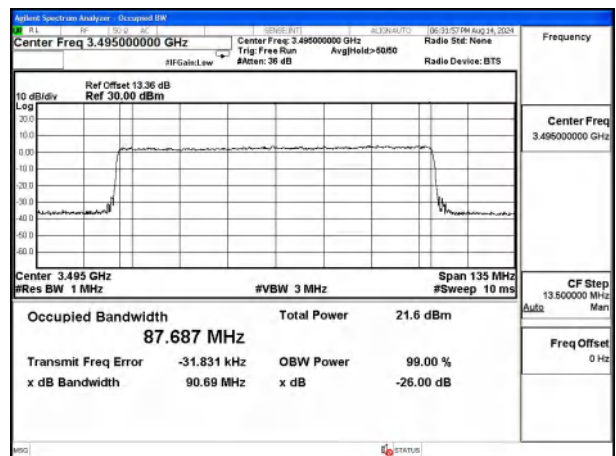


Fig.88

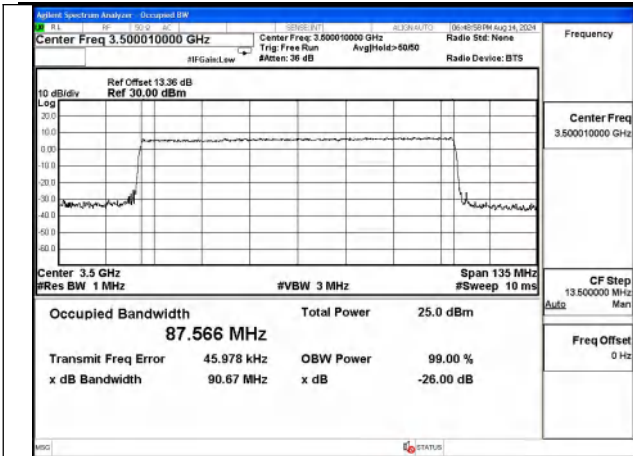


Fig.89

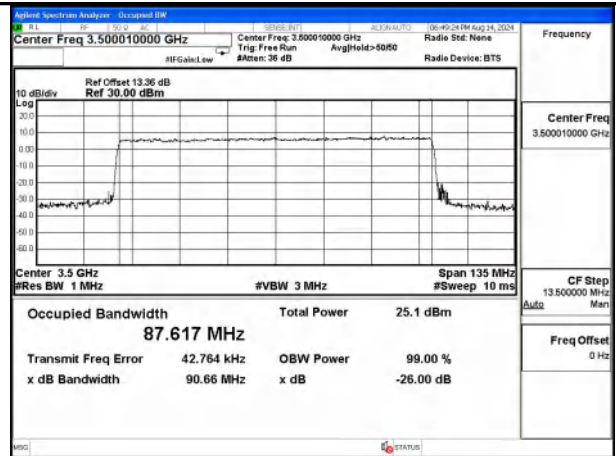


Fig.90

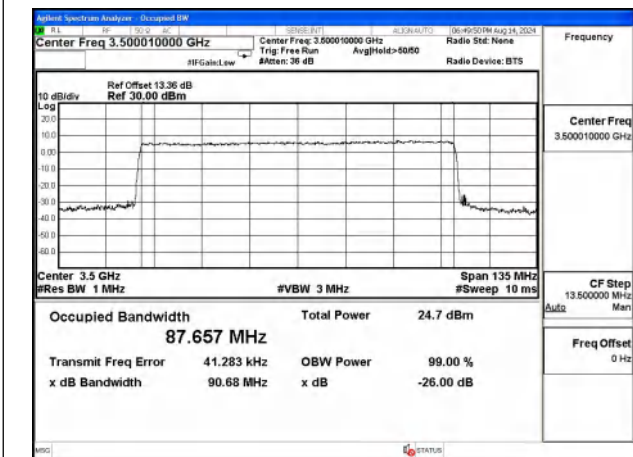


Fig.91

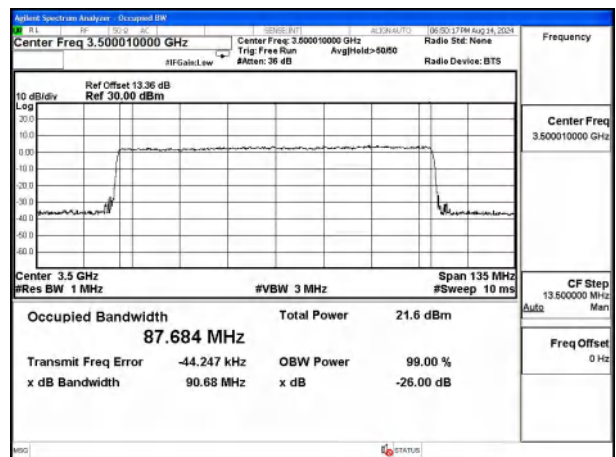


Fig.92

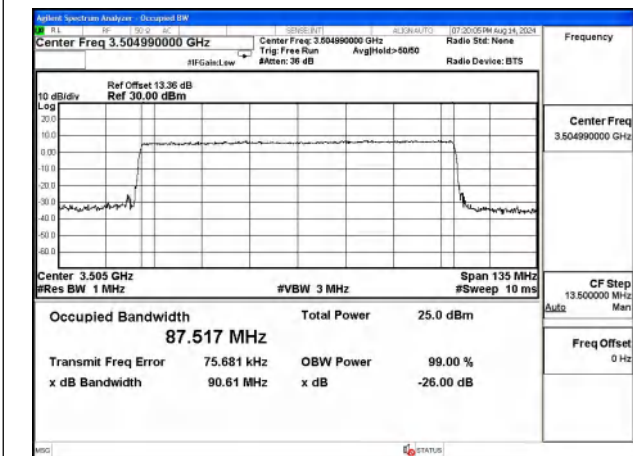


Fig.93

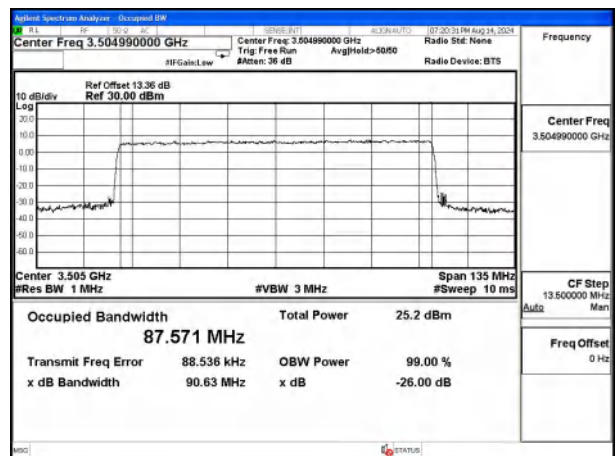


Fig.94

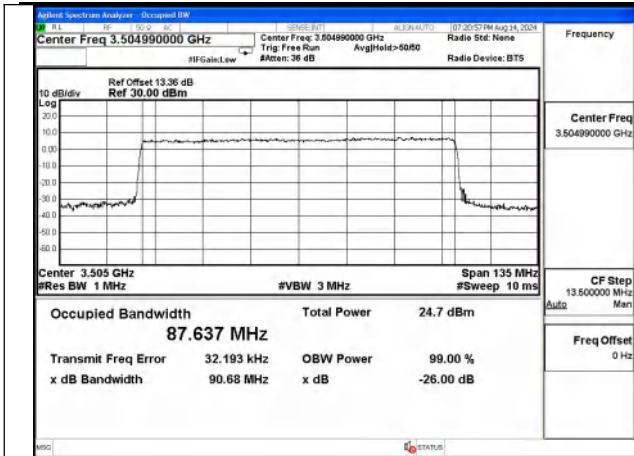


Fig.95

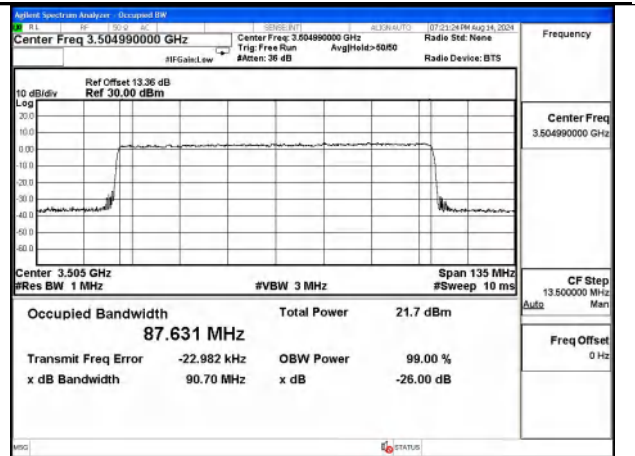


Fig.96

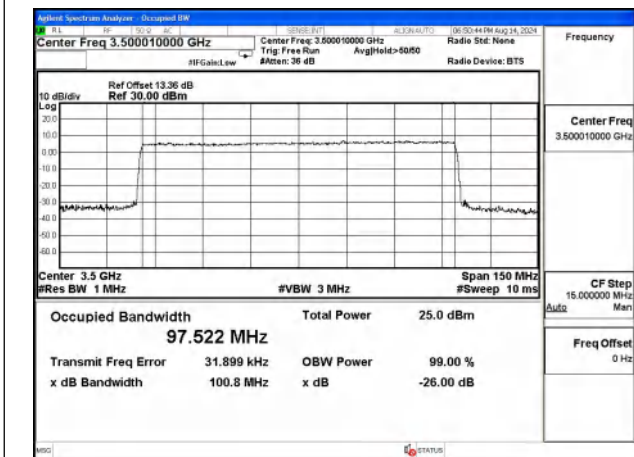


Fig.97

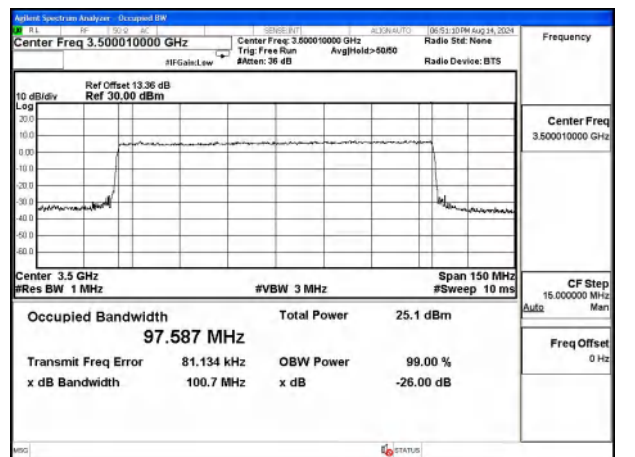


Fig.98

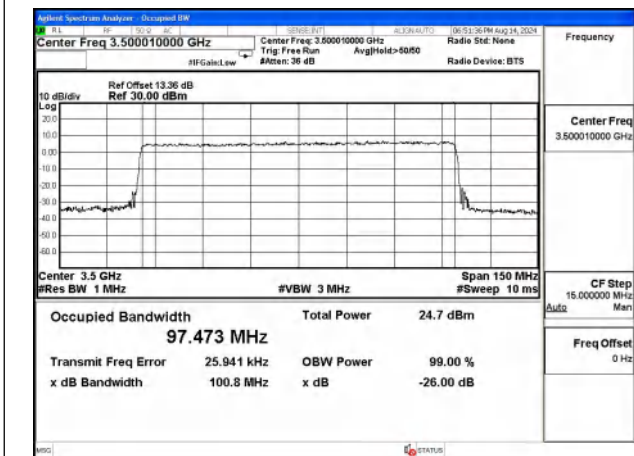


Fig.99

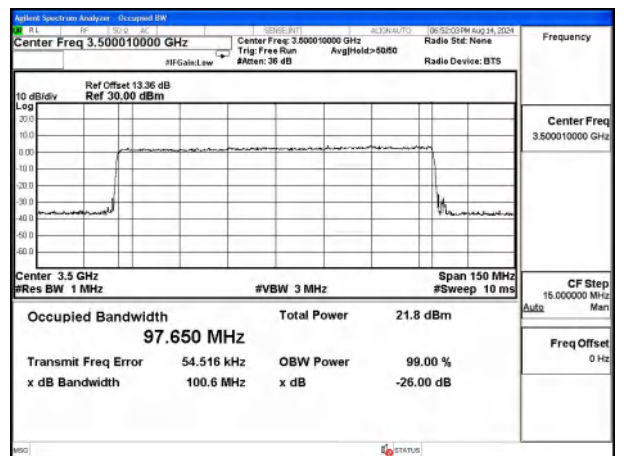


Fig.100

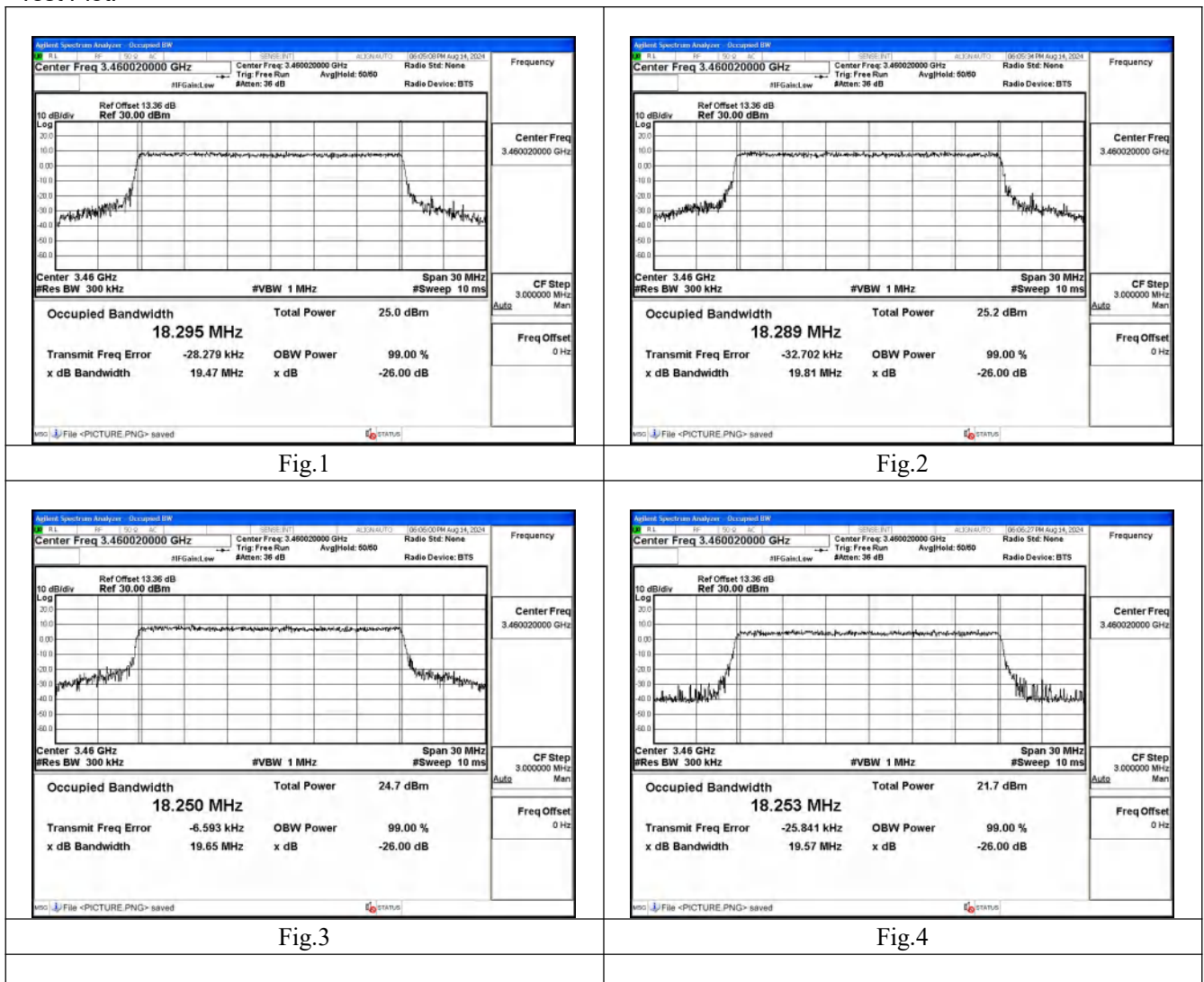
3 Emission Bandwidth

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB Power (MHz)	
CP-OFDM QPSK	3460.02	630668	20	51	0	19.470	Fig.1
CP-OFDM 16QAM	3460.02	630668	20	51	0	19.810	Fig.2
CP-OFDM 64QAM	3460.02	630668	20	51	0	19.650	Fig.3
CP-OFDM 256QAM	3460.02	630668	20	51	0	19.570	Fig.4
CP-OFDM QPSK	3500.01	633334	20	51	0	19.720	Fig.5
CP-OFDM 16QAM	3500.01	633334	20	51	0	19.730	Fig.6
CP-OFDM 64QAM	3500.01	633334	20	51	0	20.070	Fig.7
CP-OFDM 256QAM	3500.01	633334	20	51	0	19.990	Fig.8
CP-OFDM QPSK	3540	636000	20	51	0	19.900	Fig.9
CP-OFDM 16QAM	3540	636000	20	51	0	19.830	Fig.10
CP-OFDM 64QAM	3540	636000	20	51	0	20.100	Fig.11
CP-OFDM 256QAM	3540	636000	20	51	0	19.670	Fig.12
CP-OFDM QPSK	3465	631000	30	78	0	29.640	Fig.13
CP-OFDM 16QAM	3465	631000	30	78	0	29.390	Fig.14
CP-OFDM 64QAM	3465	631000	30	78	0	30.750	Fig.15
CP-OFDM 256QAM	3465	631000	30	78	0	29.750	Fig.16
CP-OFDM QPSK	3500.01	633334	30	78	0	29.660	Fig.17
CP-OFDM 16QAM	3500.01	633334	30	78	0	29.450	Fig.18
CP-OFDM 64QAM	3500.01	633334	30	78	0	29.340	Fig.19
CP-OFDM 256QAM	3500.01	633334	30	78	0	29.640	Fig.20
CP-OFDM QPSK	3534.99	635666	30	78	0	29.400	Fig.21
CP-OFDM 16QAM	3534.99	635666	30	78	0	29.430	Fig.22
CP-OFDM 64QAM	3534.99	635666	30	78	0	29.410	Fig.23
CP-OFDM 256QAM	3534.99	635666	30	78	0	29.590	Fig.24
CP-OFDM QPSK	3470.01	631334	40	106	0	40.800	Fig.25
CP-OFDM 16QAM	3470.01	631334	40	106	0	40.620	Fig.26
CP-OFDM 64QAM	3470.01	631334	40	106	0	40.540	Fig.27
CP-OFDM 256QAM	3470.01	631334	40	106	0	40.660	Fig.28
CP-OFDM QPSK	3500.01	633334	40	106	0	40.590	Fig.29
CP-OFDM 16QAM	3500.01	633334	40	106	0	40.530	Fig.30
CP-OFDM 64QAM	3500.01	633334	40	106	0	40.620	Fig.31
CP-OFDM 256QAM	3500.01	633334	40	106	0	40.610	Fig.32
CP-OFDM QPSK	3529.98	635332	40	106	0	40.650	Fig.33
CP-OFDM 16QAM	3529.98	635332	40	106	0	40.530	Fig.34
CP-OFDM 64QAM	3529.98	635332	40	106	0	40.620	Fig.35
CP-OFDM 256QAM	3529.98	635332	40	106	0	40.670	Fig.36
CP-OFDM QPSK	3475.02	631668	50	133	0	50.360	Fig.37
CP-OFDM 16QAM	3475.02	631668	50	133	0	50.230	Fig.38
CP-OFDM 64QAM	3475.02	631668	50	133	0	50.530	Fig.39
CP-OFDM 256QAM	3475.02	631668	50	133	0	50.330	Fig.40
CP-OFDM QPSK	3500.01	633334	50	133	0	50.690	Fig.41
CP-OFDM 16QAM	3500.01	633334	50	133	0	50.170	Fig.42

CP-OFDM 64QAM	3500.01	633334	50	133	0	50.230	Fig.43
CP-OFDM 256QAM	3500.01	633334	50	133	0	50.330	Fig.44
CP-OFDM QPSK	3525	635000	50	133	0	50.360	Fig.45
CP-OFDM 16QAM	3525	635000	50	133	0	50.480	Fig.46
CP-OFDM 64QAM	3525	635000	50	133	0	50.610	Fig.47
CP-OFDM 256QAM	3525	635000	50	133	0	50.260	Fig.48
CP-OFDM QPSK	3480	632000	60	162	0	60.650	Fig.49
CP-OFDM 16QAM	3480	632000	60	162	0	60.680	Fig.50
CP-OFDM 64QAM	3480	632000	60	162	0	60.740	Fig.51
CP-OFDM 256QAM	3480	632000	60	162	0	60.700	Fig.52
CP-OFDM QPSK	3500.01	633334	60	162	0	60.830	Fig.53
CP-OFDM 16QAM	3500.01	633334	60	162	0	60.700	Fig.54
CP-OFDM 64QAM	3500.01	633334	60	162	0	60.790	Fig.55
CP-OFDM 256QAM	3500.01	633334	60	162	0	60.690	Fig.56
CP-OFDM QPSK	3519.99	634666	60	162	0	60.810	Fig.57
CP-OFDM 16QAM	3519.99	634666	60	162	0	60.710	Fig.58
CP-OFDM 64QAM	3519.99	634666	60	162	0	60.910	Fig.59
CP-OFDM 256QAM	3519.99	634666	60	162	0	60.700	Fig.60
CP-OFDM QPSK	3485.01	632334	70	189	0	70.630	Fig.61
CP-OFDM 16QAM	3485.01	632334	70	189	0	70.360	Fig.62
CP-OFDM 64QAM	3485.01	632334	70	189	0	70.390	Fig.63
CP-OFDM 256QAM	3485.01	632334	70	189	0	70.480	Fig.64
CP-OFDM QPSK	3500.01	633334	70	189	0	70.750	Fig.65
CP-OFDM 16QAM	3500.01	633334	70	189	0	70.450	Fig.66
CP-OFDM 64QAM	3500.01	633334	70	189	0	70.370	Fig.67
CP-OFDM 256QAM	3500.01	633334	70	189	0	70.740	Fig.68
CP-OFDM QPSK	3514.98	634332	70	189	0	70.510	Fig.69
CP-OFDM 16QAM	3514.98	634332	70	189	0	70.400	Fig.70
CP-OFDM 64QAM	3514.98	634332	70	189	0	70.390	Fig.71
CP-OFDM 256QAM	3514.98	634332	70	189	0	70.390	Fig.72
CP-OFDM QPSK	3490.02	632668	80	217	0	80.520	Fig.73
CP-OFDM 16QAM	3490.02	632668	80	217	0	80.600	Fig.74
CP-OFDM 64QAM	3490.02	632668	80	217	0	80.560	Fig.75
CP-OFDM 256QAM	3490.02	632668	80	217	0	80.480	Fig.76
CP-OFDM QPSK	3500.01	633334	80	217	0	80.540	Fig.77
CP-OFDM 16QAM	3500.01	633334	80	217	0	80.460	Fig.78
CP-OFDM 64QAM	3500.01	633334	80	217	0	80.470	Fig.79
CP-OFDM 256QAM	3500.01	633334	80	217	0	80.440	Fig.80
CP-OFDM QPSK	3510	634000	80	217	0	80.540	Fig.81
CP-OFDM 16QAM	3510	634000	80	217	0	80.500	Fig.82
CP-OFDM 64QAM	3510	634000	80	217	0	80.490	Fig.83
CP-OFDM 256QAM	3510	634000	80	217	0	80.380	Fig.84
CP-OFDM QPSK	3495	633000	90	245	0	90.640	Fig.85
CP-OFDM 16QAM	3495	633000	90	245	0	90.550	Fig.86
CP-OFDM 64QAM	3495	633000	90	245	0	90.620	Fig.87

CP-OFDM 256QAM	3495	633000	90	245	0	90.690	Fig.88
CP-OFDM QPSK	3500.01	633334	90	245	0	90.670	Fig.89
CP-OFDM 16QAM	3500.01	633334	90	245	0	90.660	Fig.90
CP-OFDM 64QAM	3500.01	633334	90	245	0	90.680	Fig.91
CP-OFDM 256QAM	3500.01	633334	90	245	0	90.680	Fig.92
CP-OFDM QPSK	3504.99	633666	90	245	0	90.610	Fig.93
CP-OFDM 16QAM	3504.99	633666	90	245	0	90.600	Fig.94
CP-OFDM 64QAM	3504.99	633666	90	245	0	90.680	Fig.95
CP-OFDM 256QAM	3504.99	633666	90	245	0	90.680	Fig.96
CP-OFDM QPSK	3500.01	633334	100	273	0	100.830	Fig.97
CP-OFDM 16QAM	3500.01	633334	100	273	0	100.730	Fig.98
CP-OFDM 64QAM	3500.01	633334	100	273	0	100.760	Fig.99
CP-OFDM 256QAM	3500.01	633334	100	273	0	100.650	Fig.100

Test Plot:



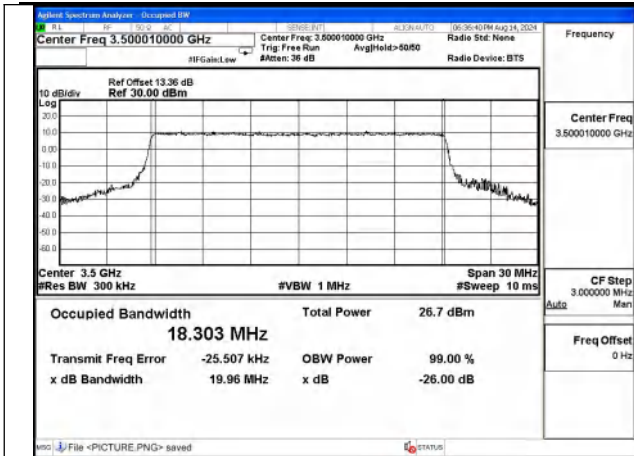


Fig.5

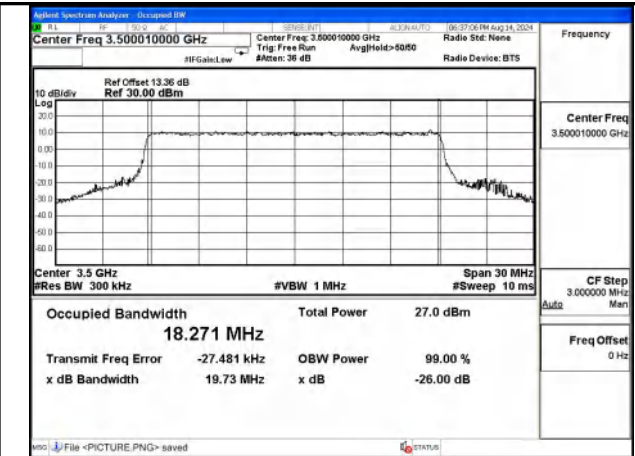


Fig.6

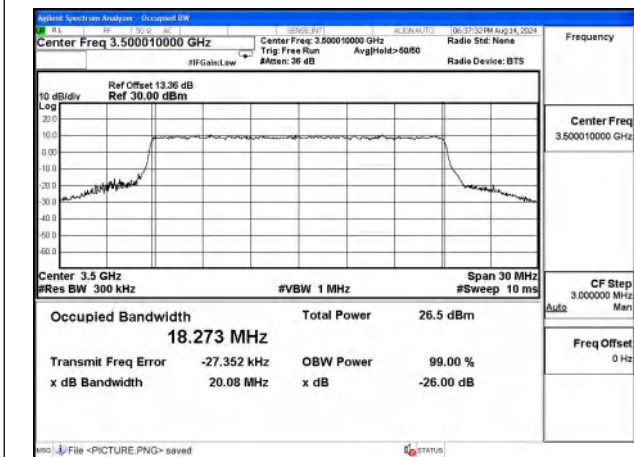


Fig.7

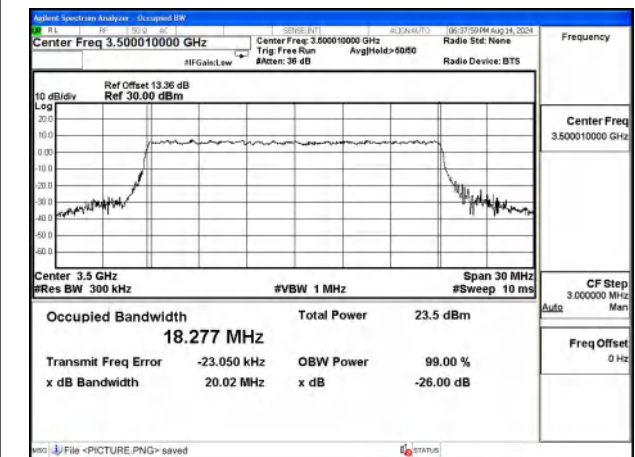


Fig.8

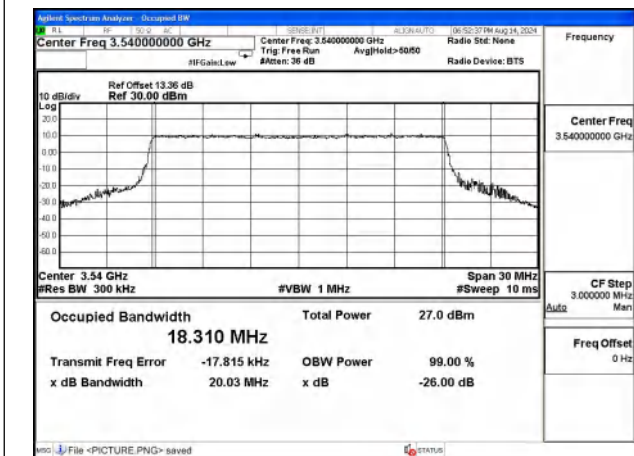


Fig.9

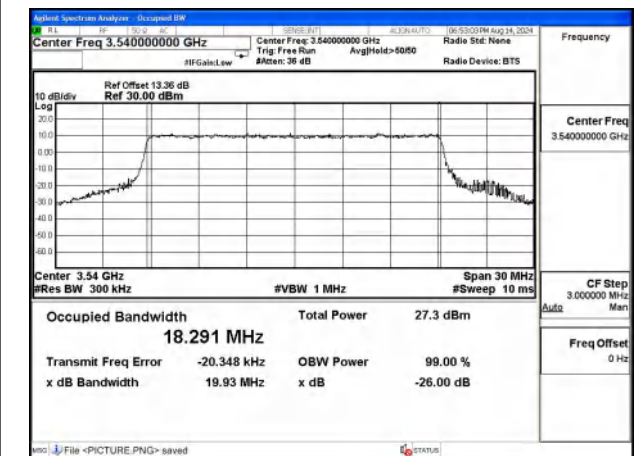


Fig.10

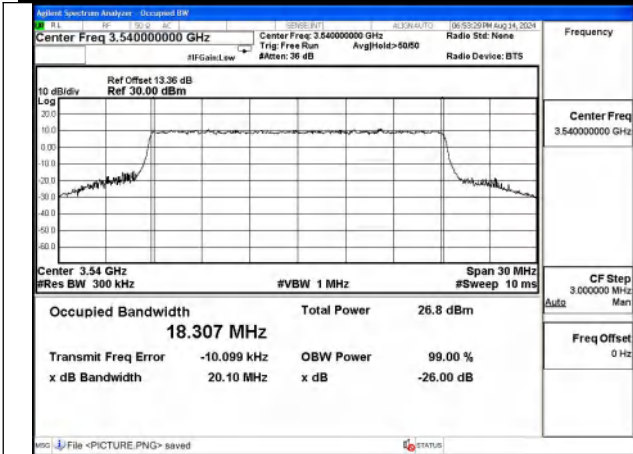


Fig.11

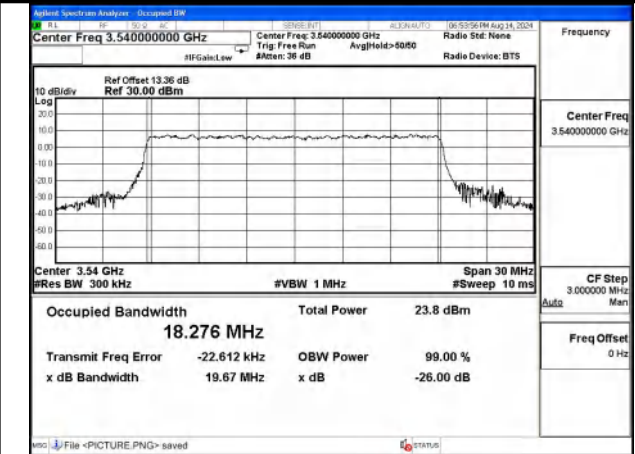


Fig.12

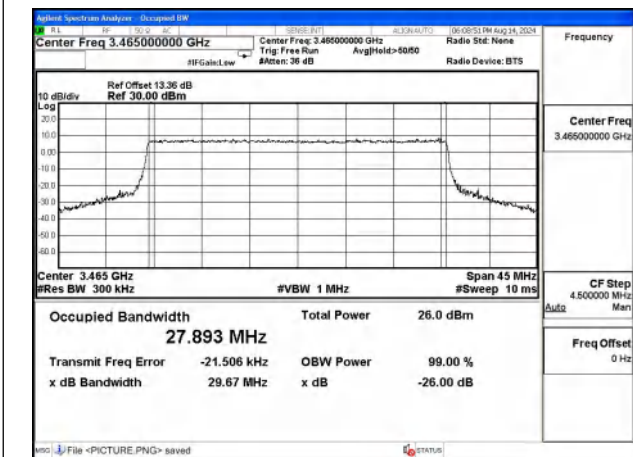


Fig.13

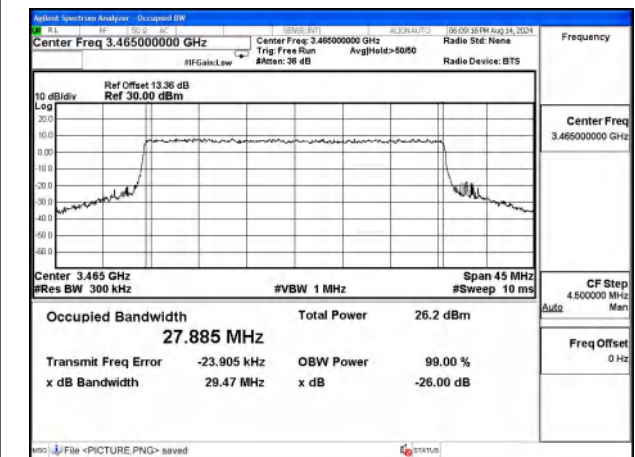


Fig.14

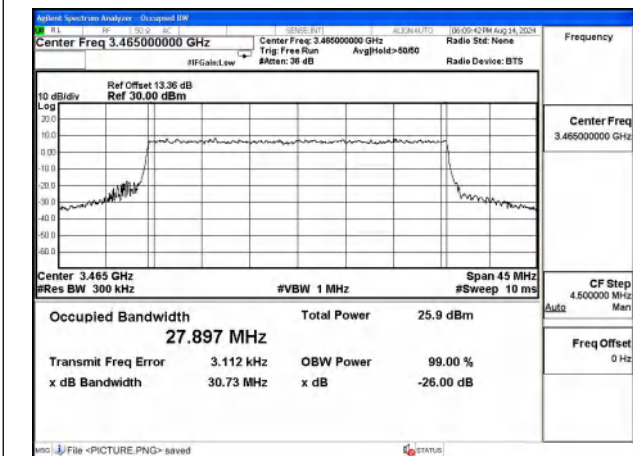


Fig.15

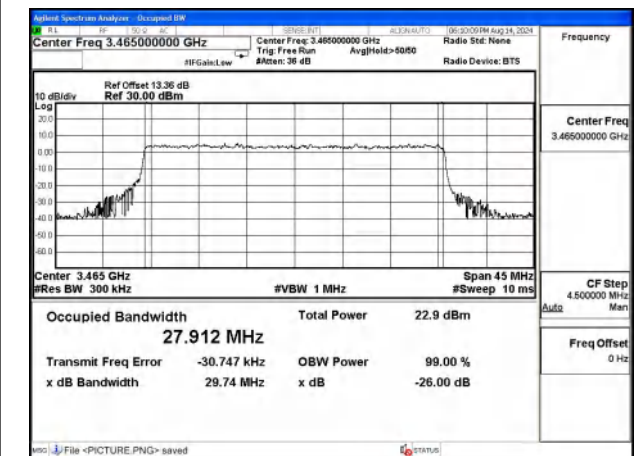


Fig.16

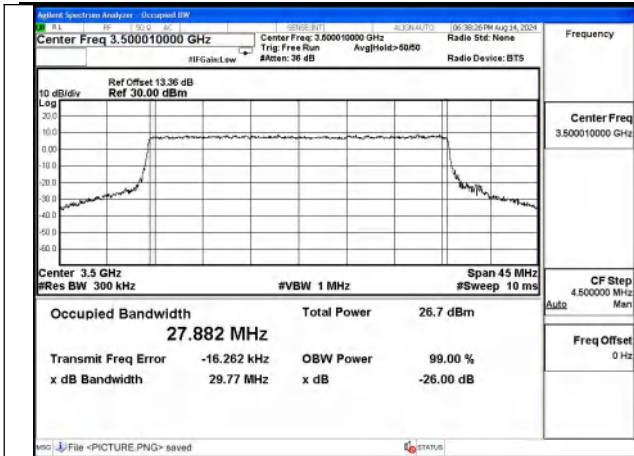


Fig.17

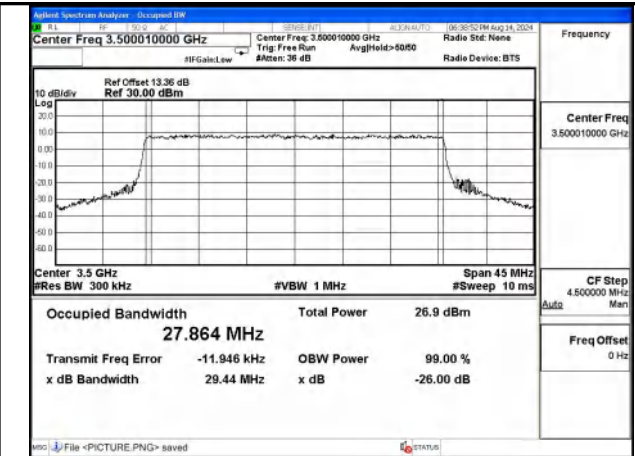


Fig.18

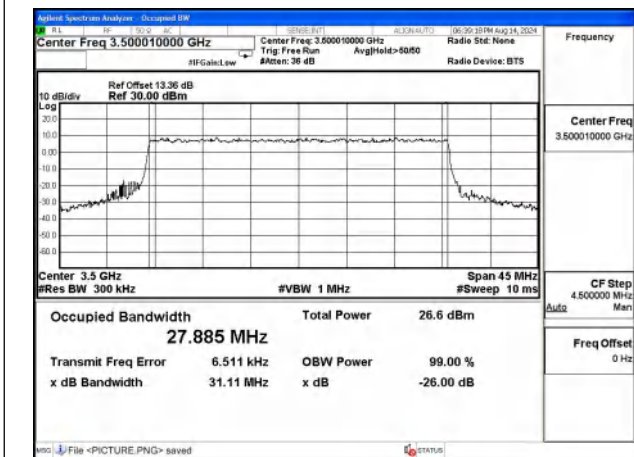


Fig.19

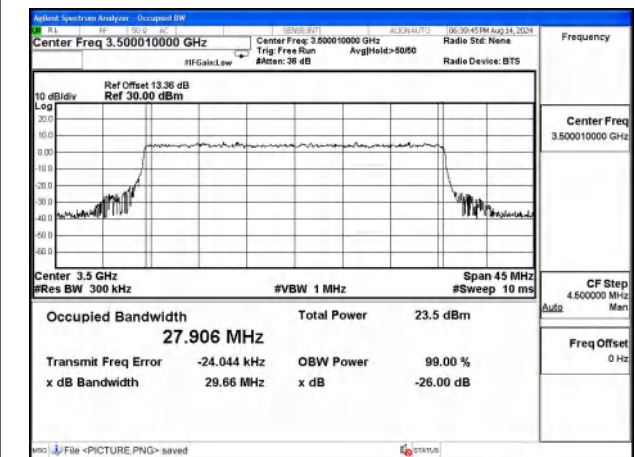


Fig.20

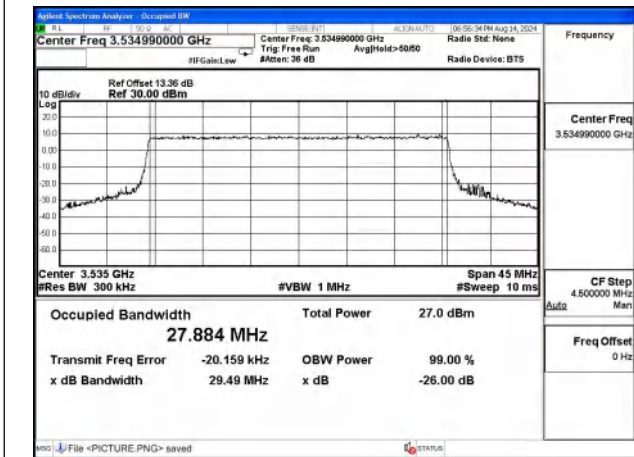


Fig.21

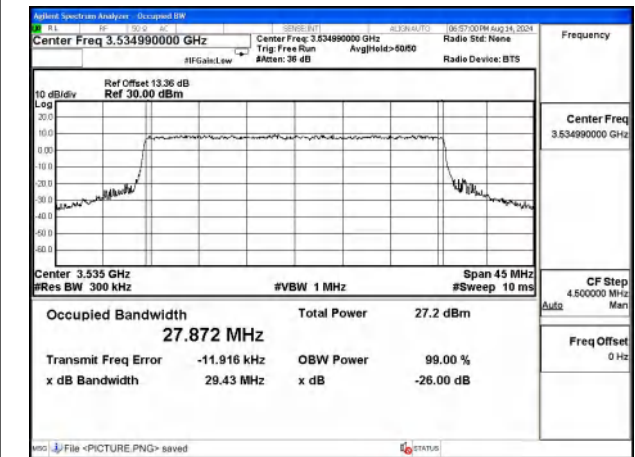


Fig.22

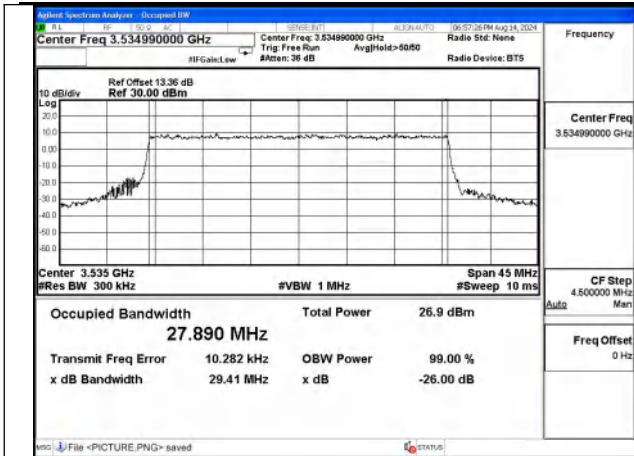


Fig.23

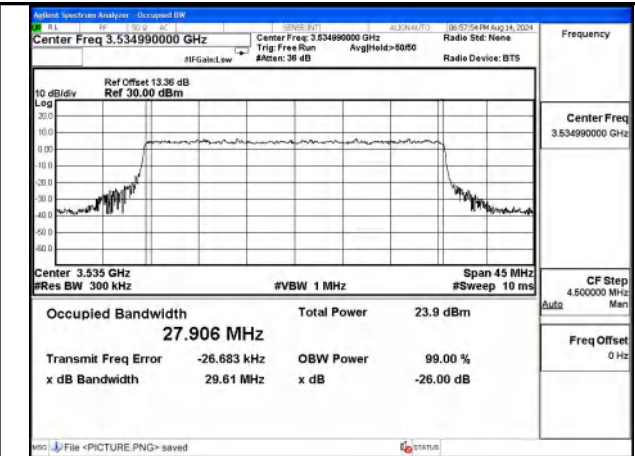


Fig.24

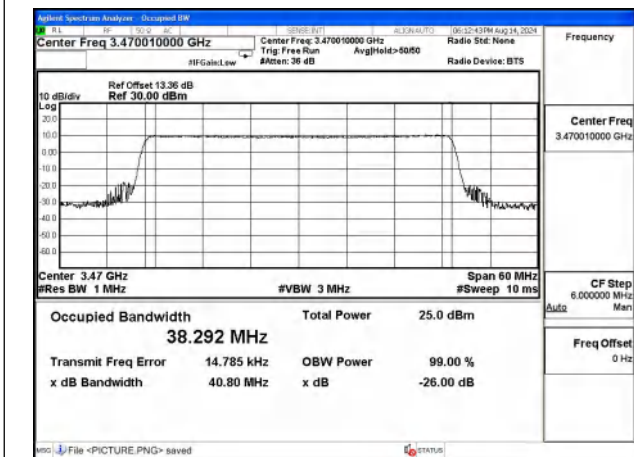


Fig.25

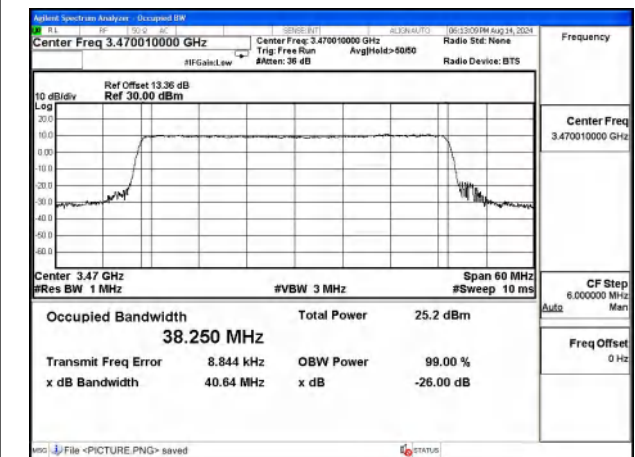


Fig.26

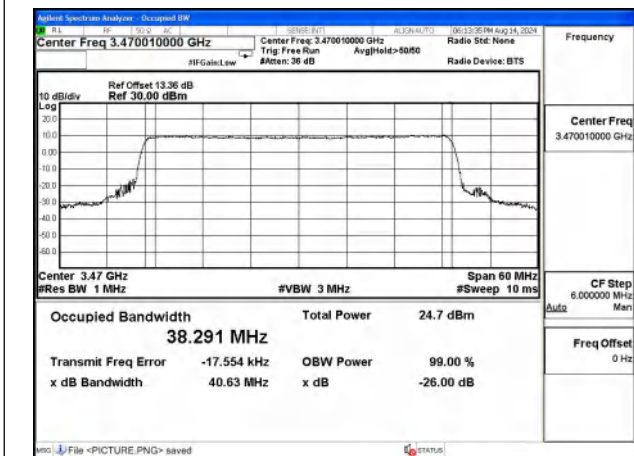


Fig.27

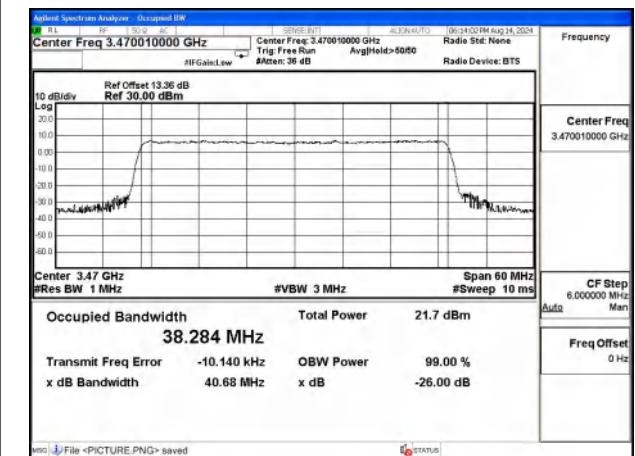


Fig.28

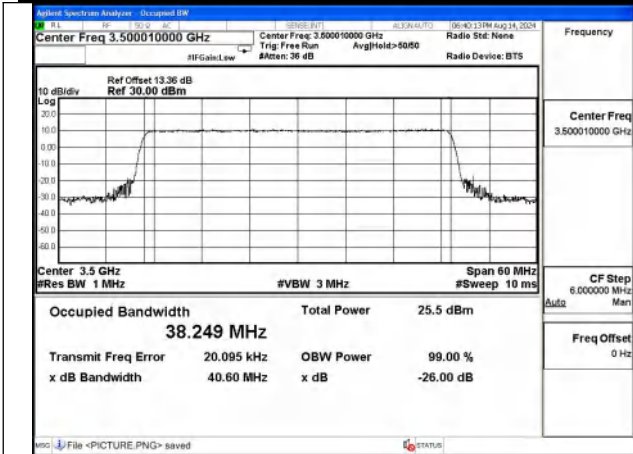


Fig.29

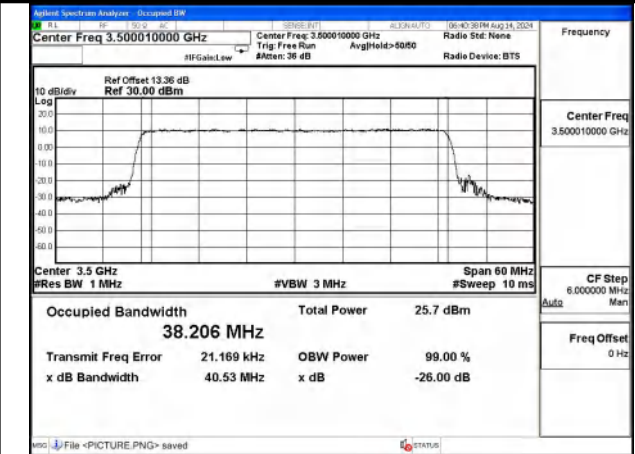


Fig.30

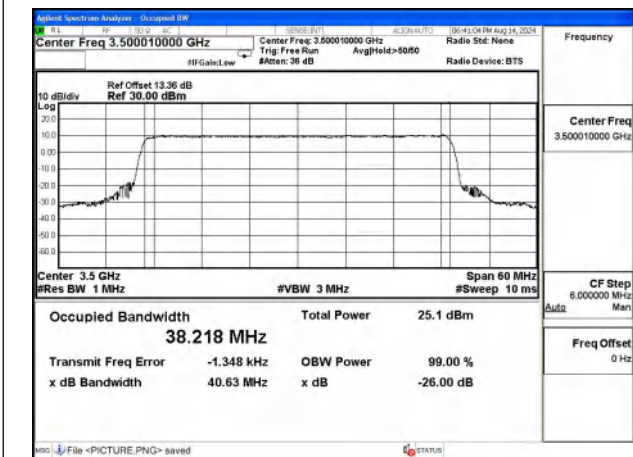


Fig.31

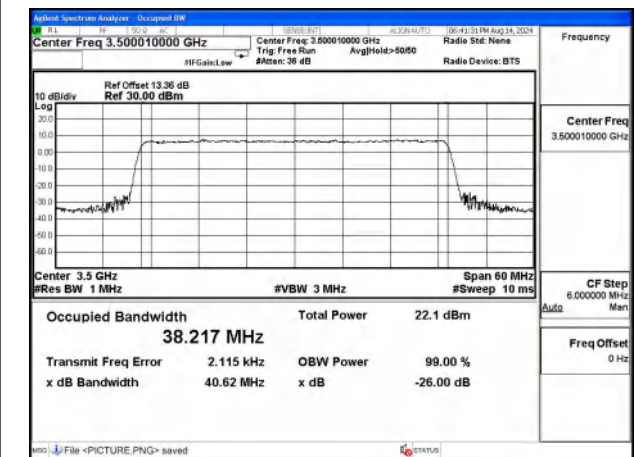


Fig.32

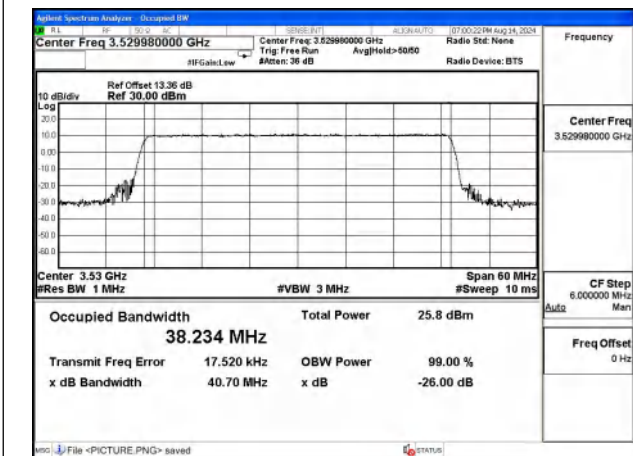


Fig.33

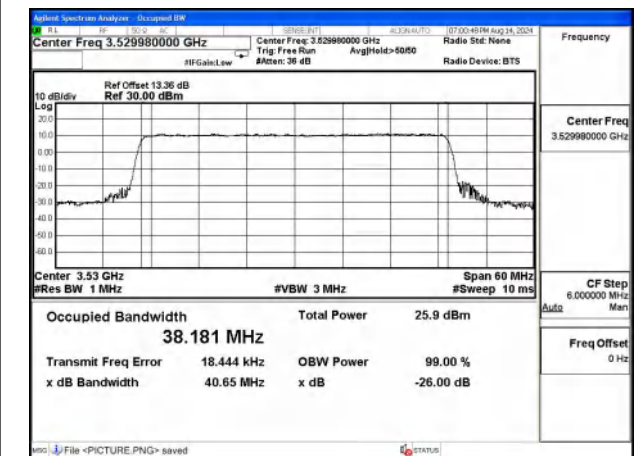


Fig.34

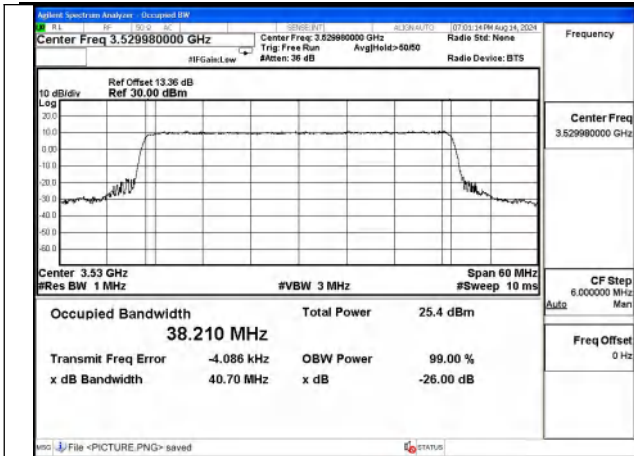


Fig.35

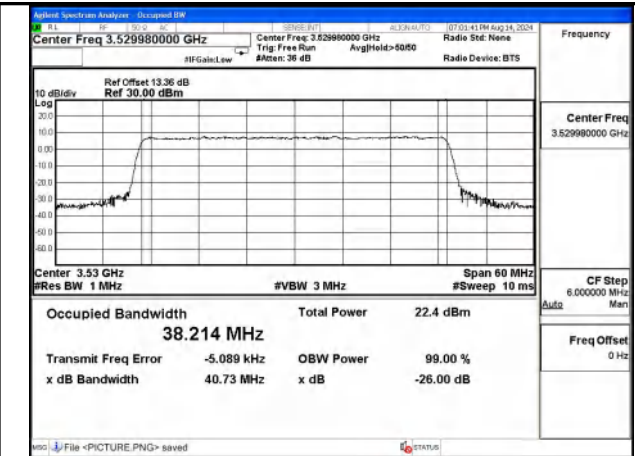


Fig.36

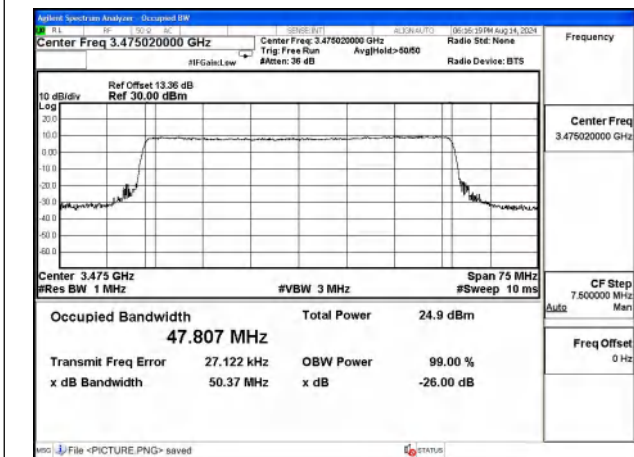


Fig.37

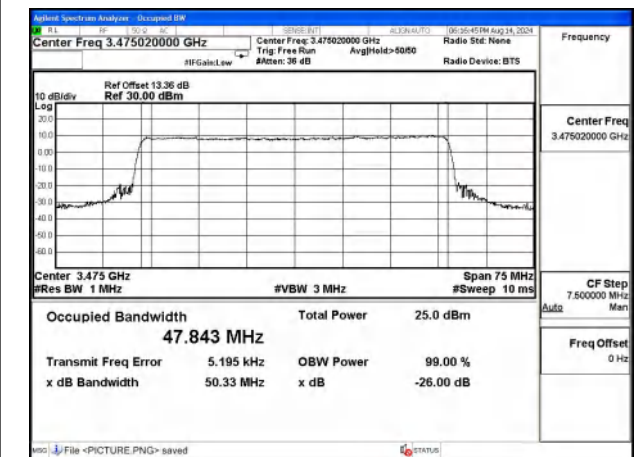


Fig.38

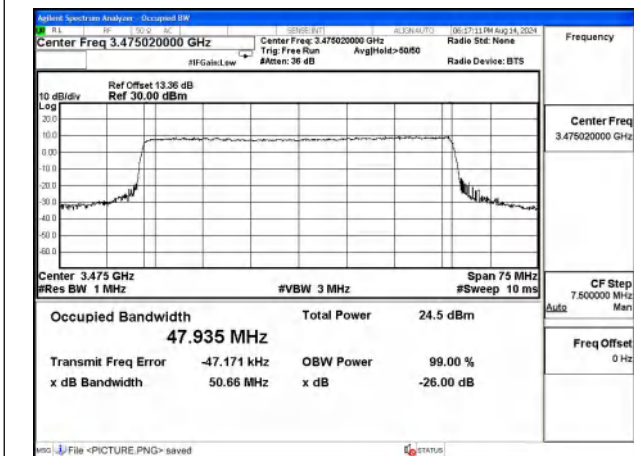


Fig.39

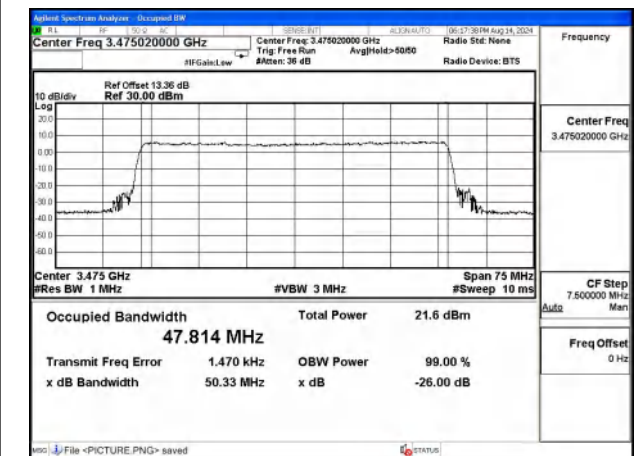


Fig.40

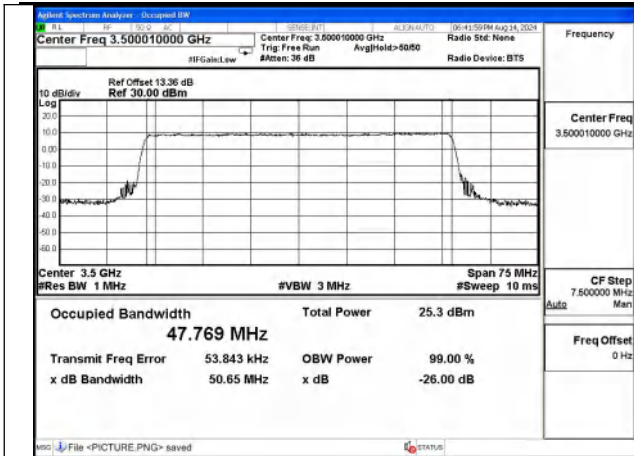


Fig.41

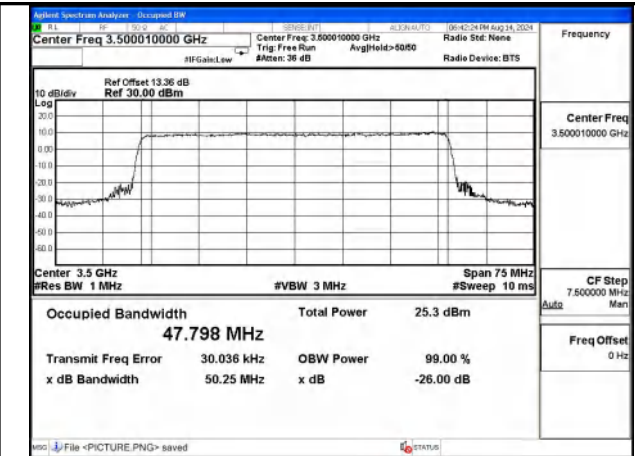


Fig.42

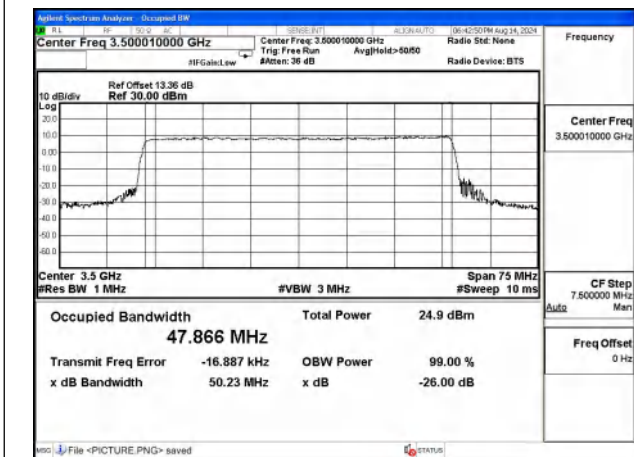


Fig.43

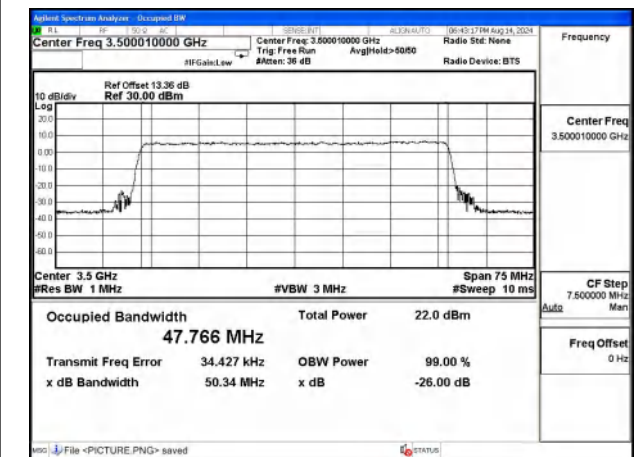


Fig.44

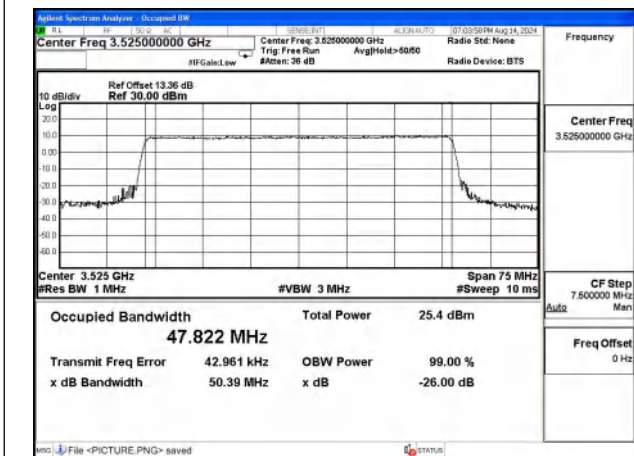


Fig.45

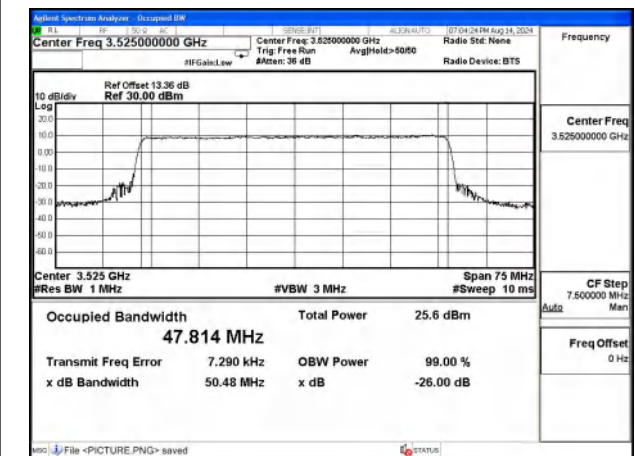


Fig.46

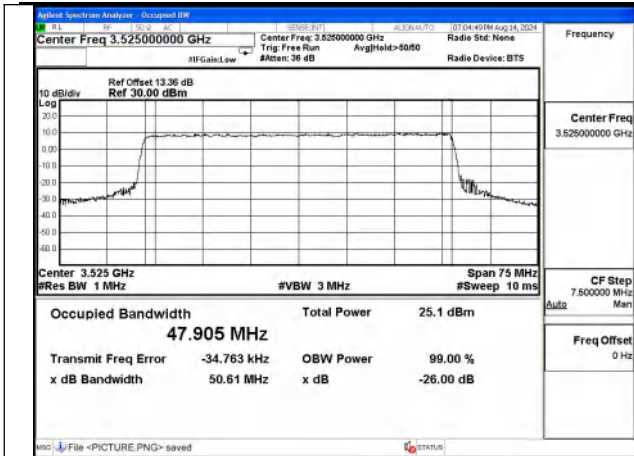


Fig.47

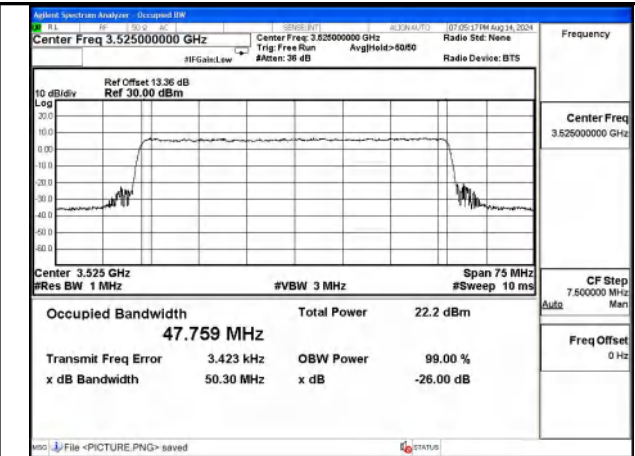


Fig.48

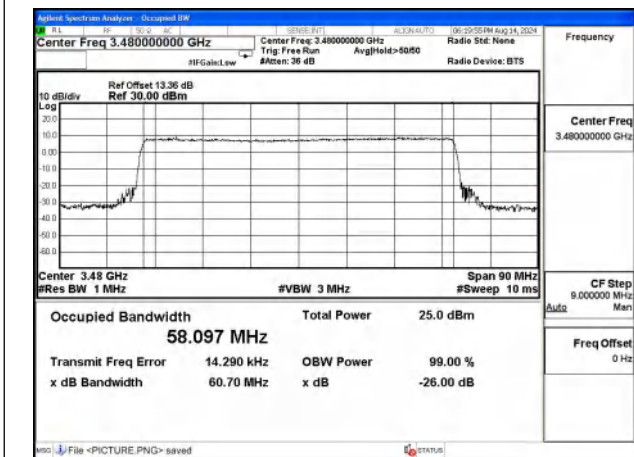


Fig.49

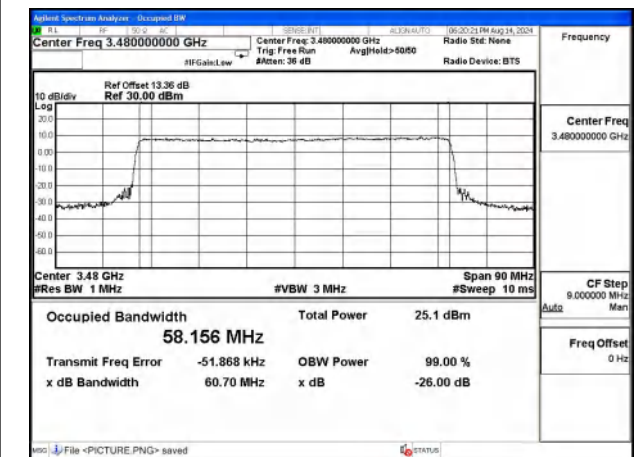


Fig.50

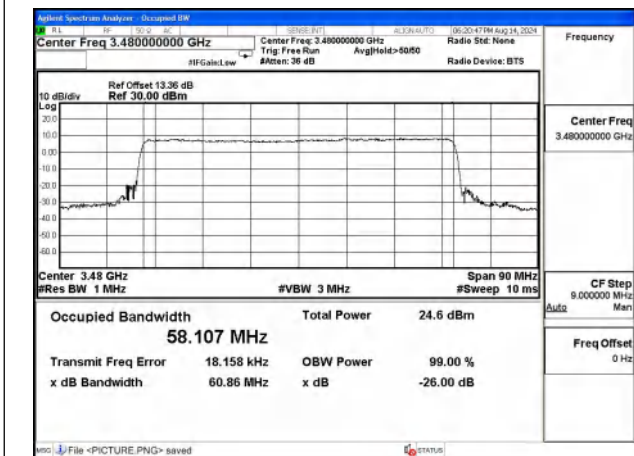


Fig.51

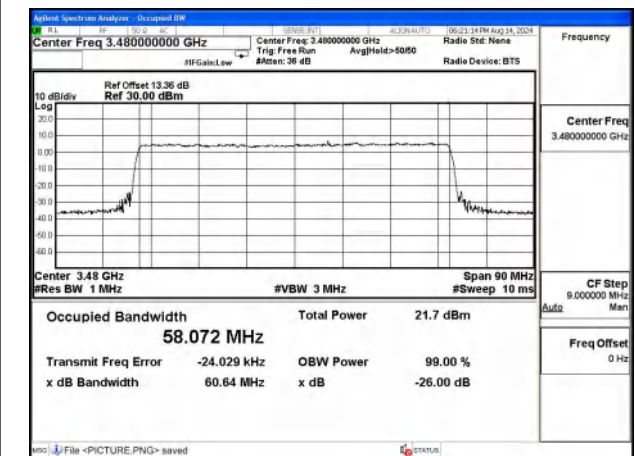


Fig.52

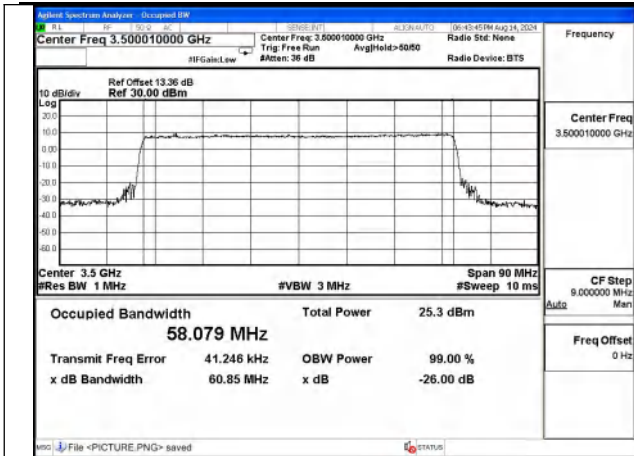


Fig.53

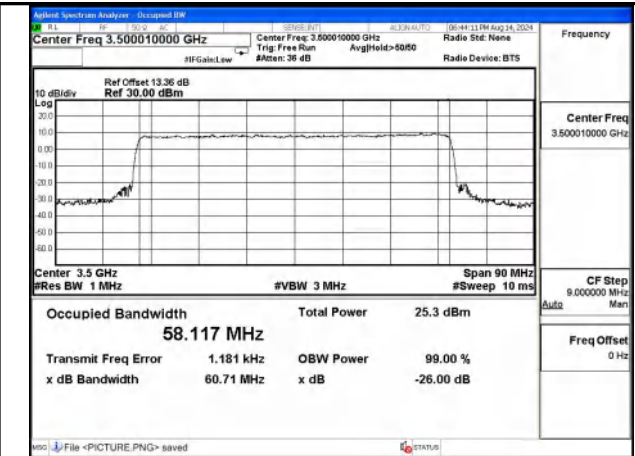


Fig.54

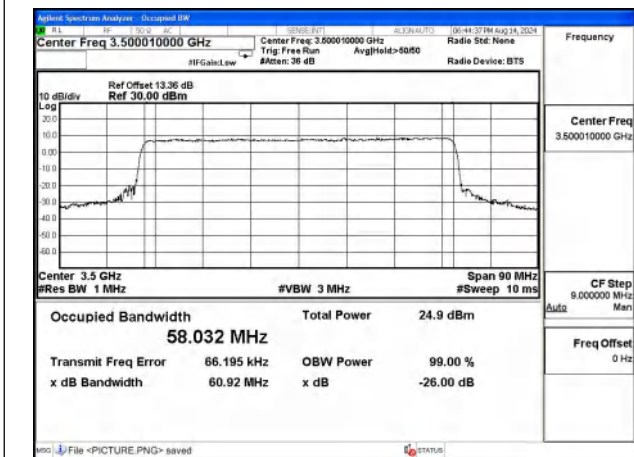


Fig.55

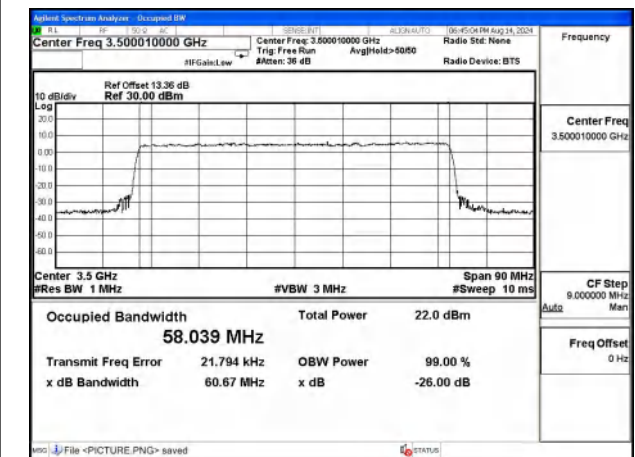


Fig.56

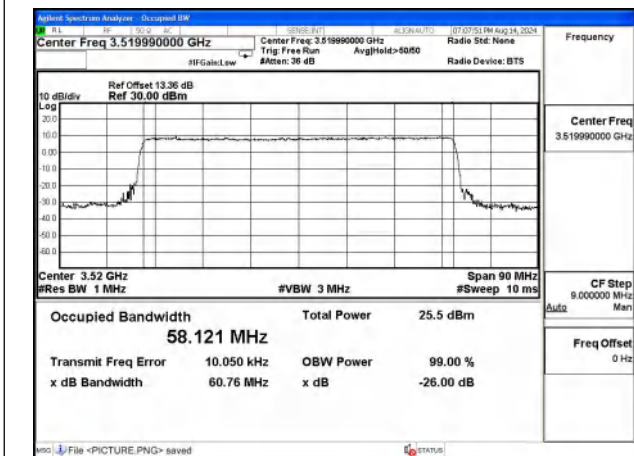


Fig.57

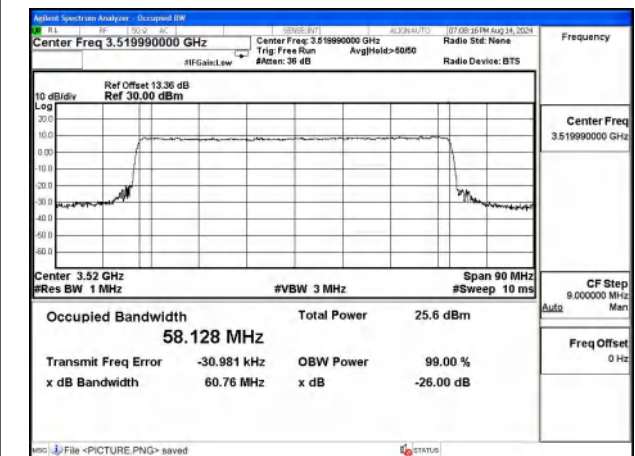


Fig.58

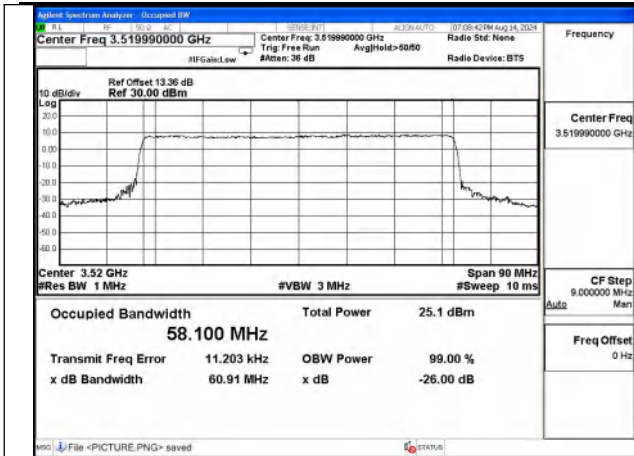


Fig.59

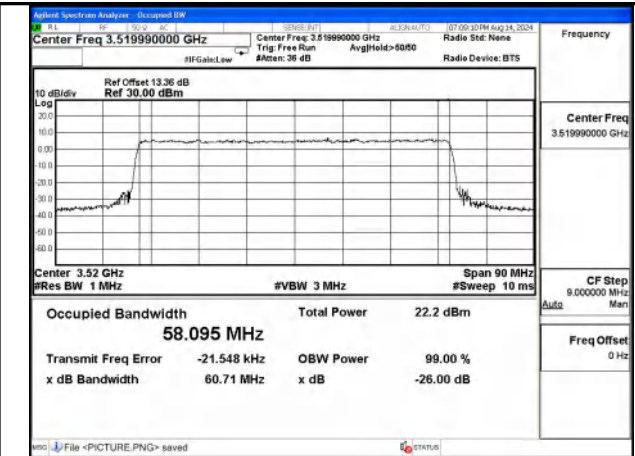


Fig.60

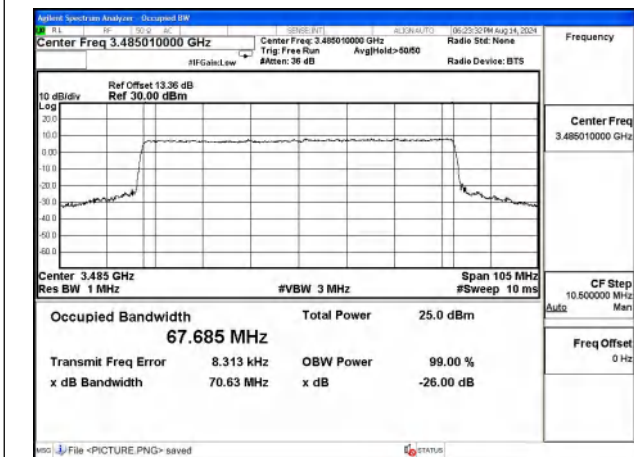


Fig.61

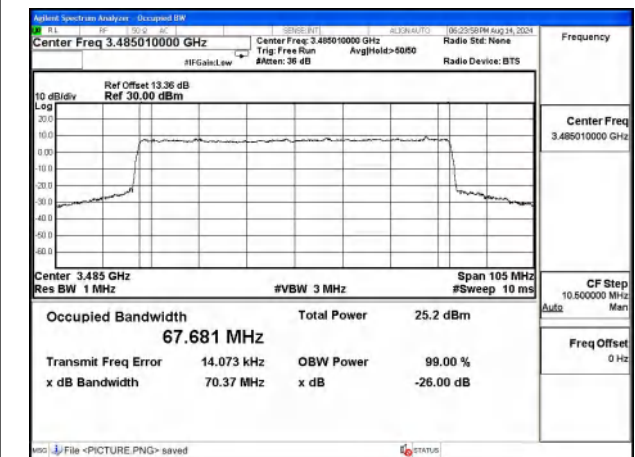


Fig.62

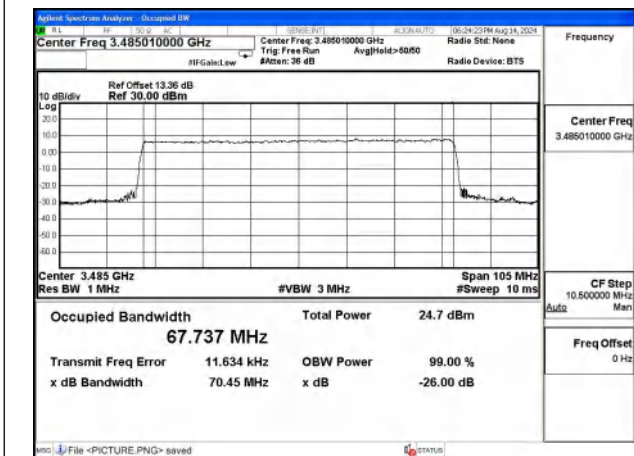


Fig.63

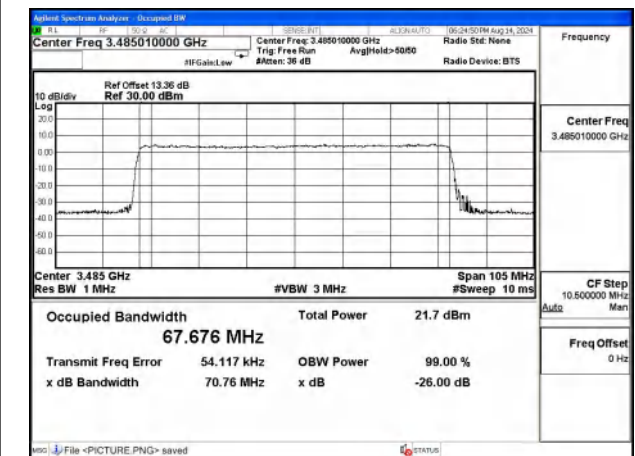


Fig.64

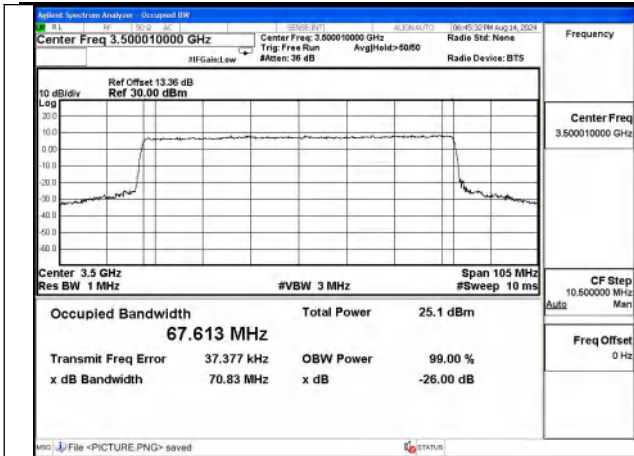


Fig.65

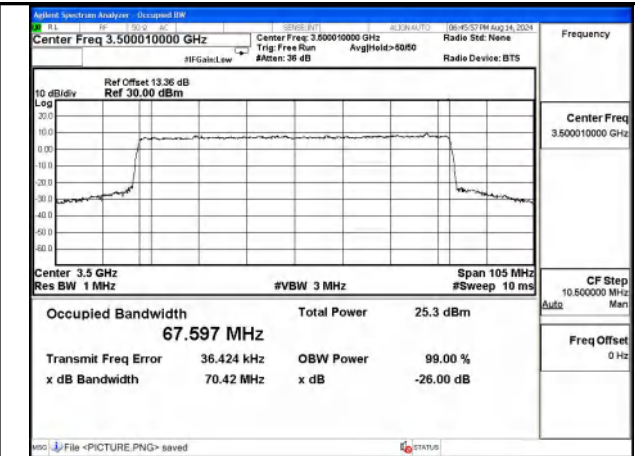


Fig.66

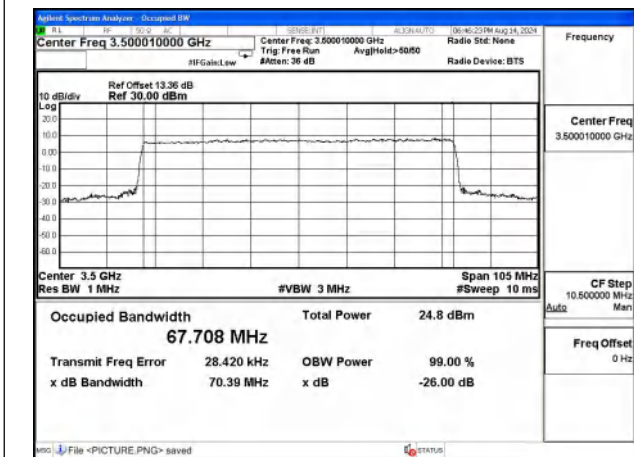


Fig.67

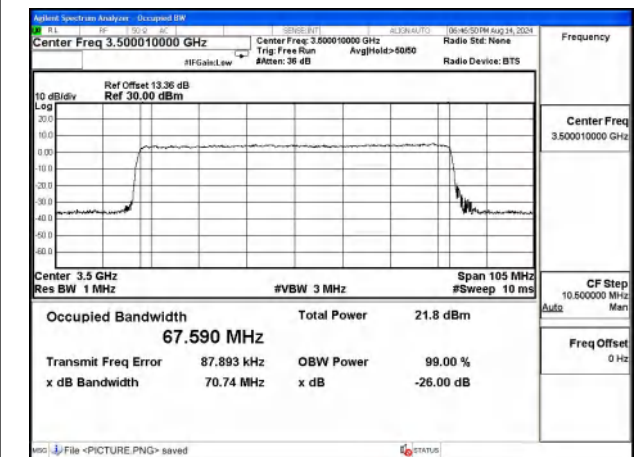


Fig.68

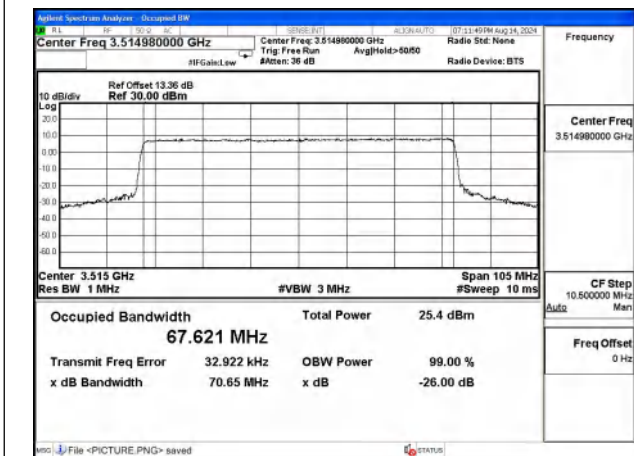


Fig.69

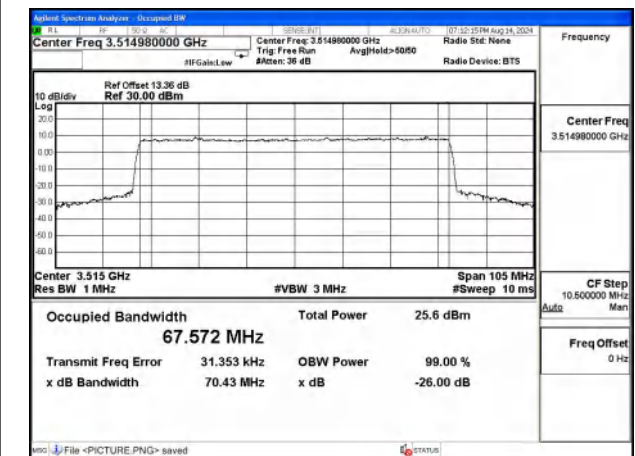


Fig.70

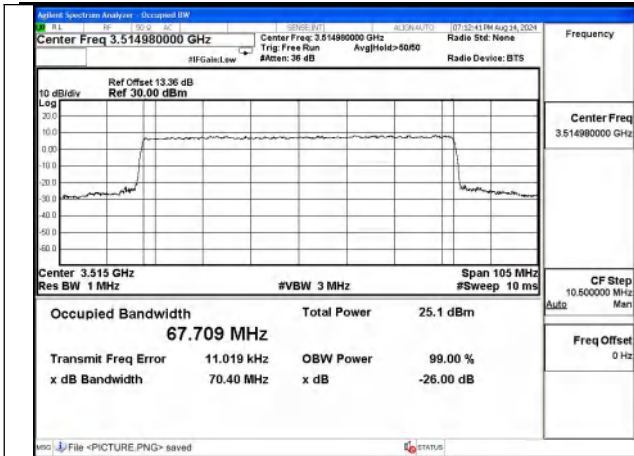


Fig.71

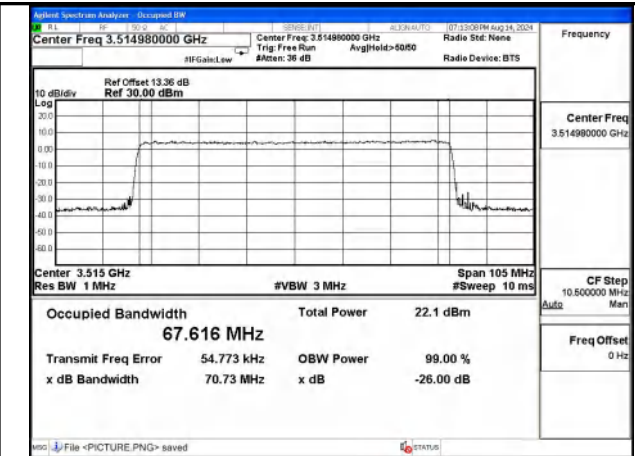


Fig.72

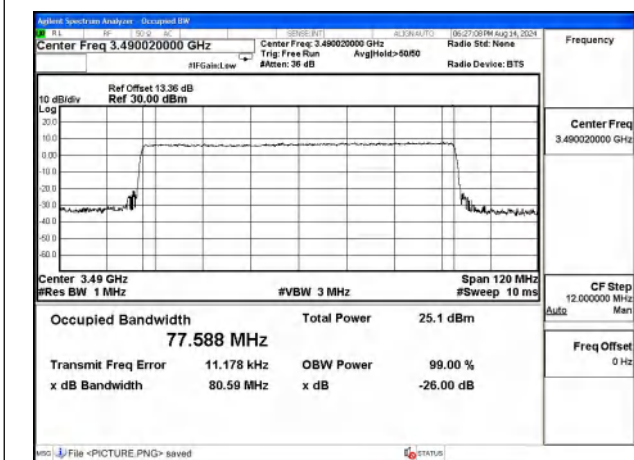


Fig.73

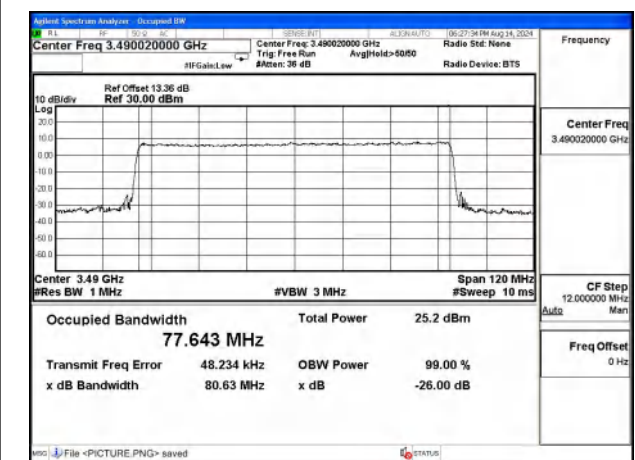


Fig.74

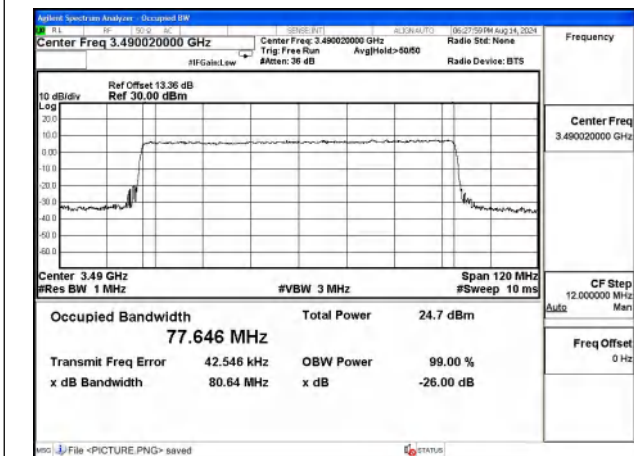


Fig.75

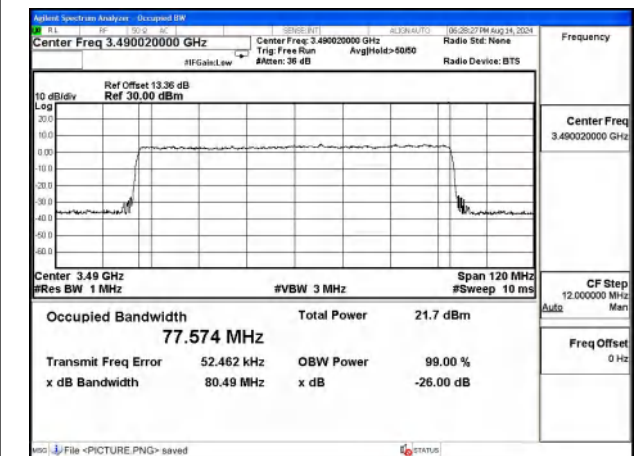


Fig.76

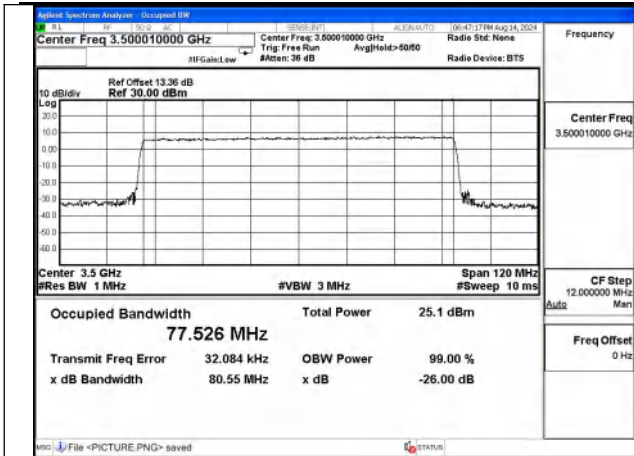


Fig.77

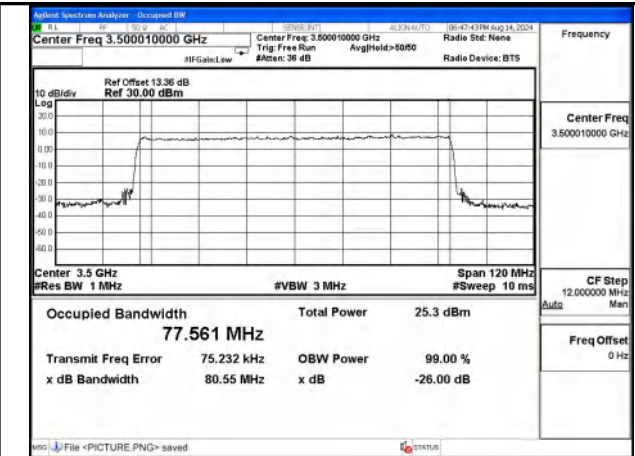


Fig.78

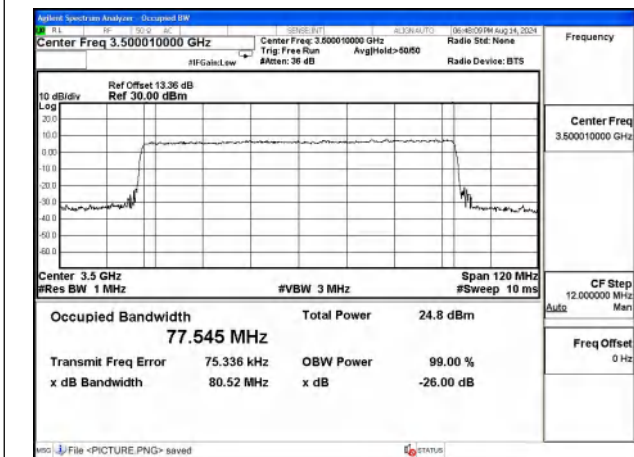


Fig.79

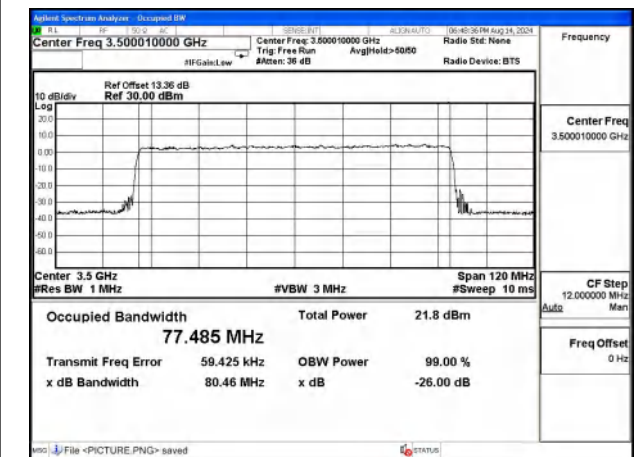


Fig.80

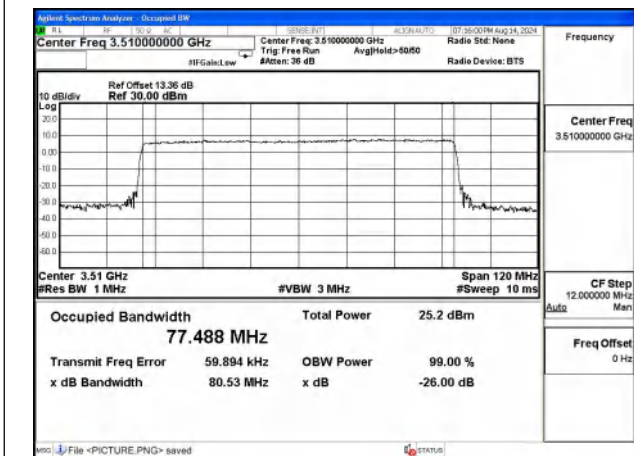


Fig.81

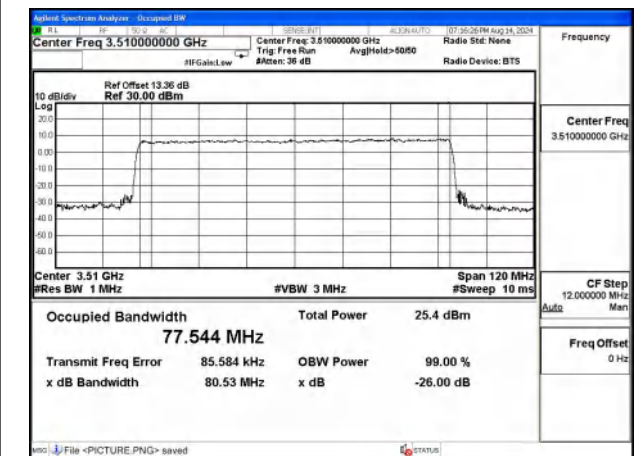


Fig.82

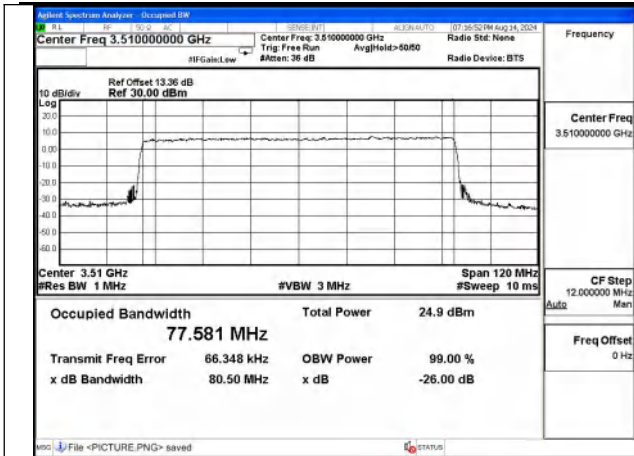


Fig.83

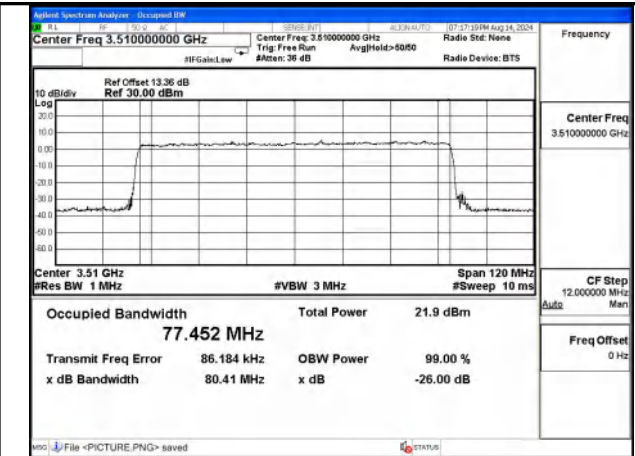


Fig.84

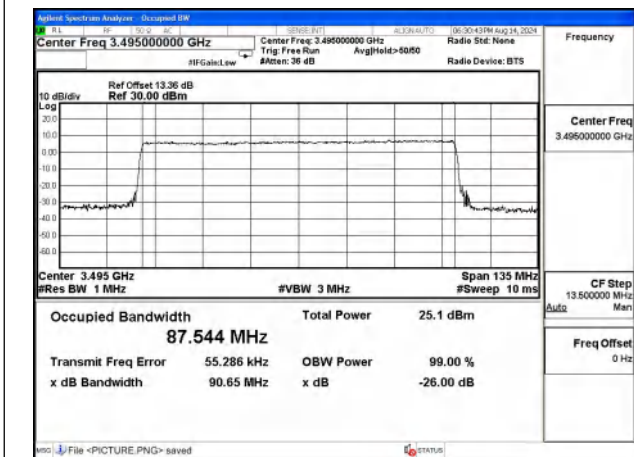


Fig.85

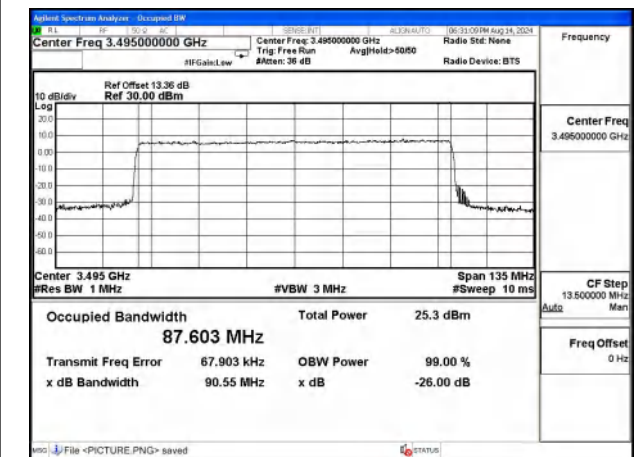


Fig.86

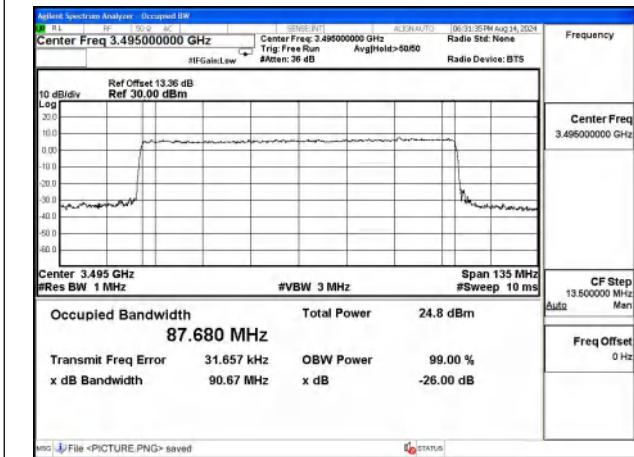


Fig.87

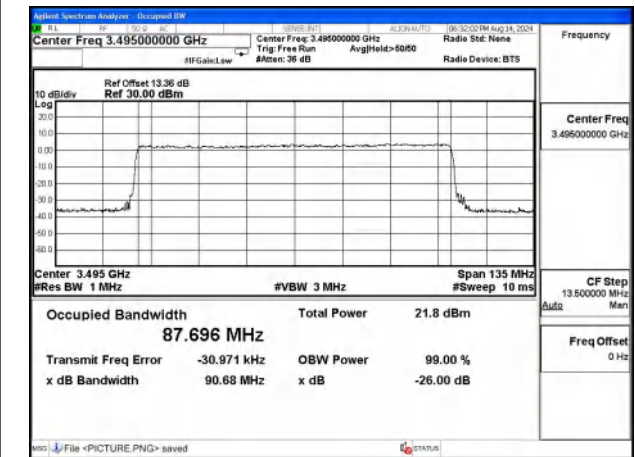


Fig.88

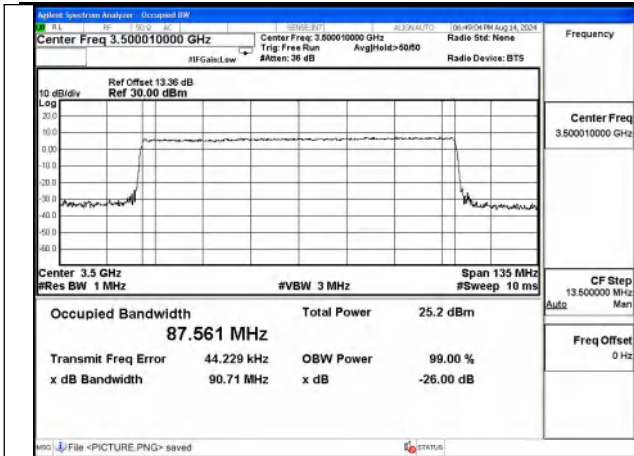


Fig.89

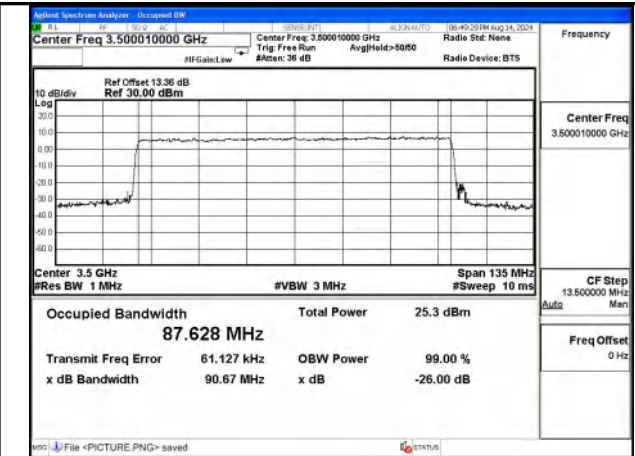


Fig.90

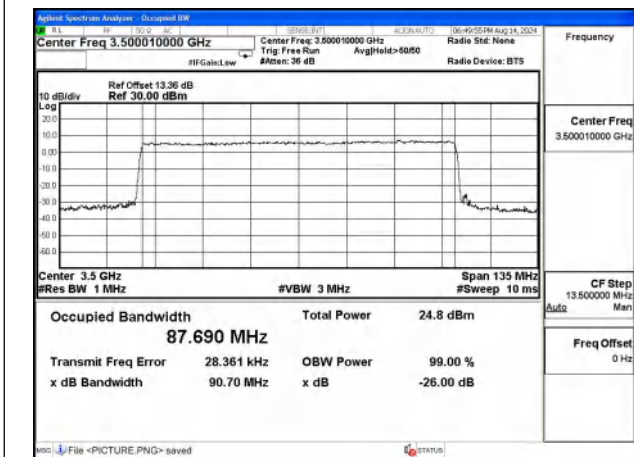


Fig.91

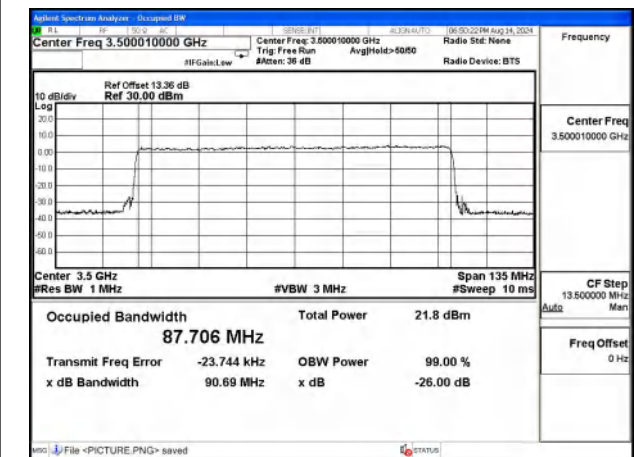


Fig.92

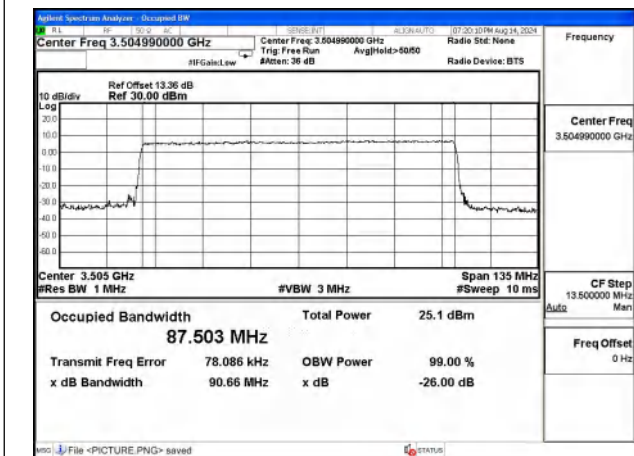


Fig.93

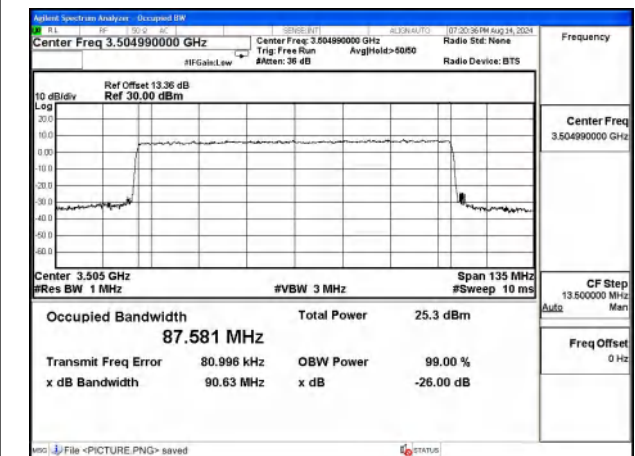


Fig.94

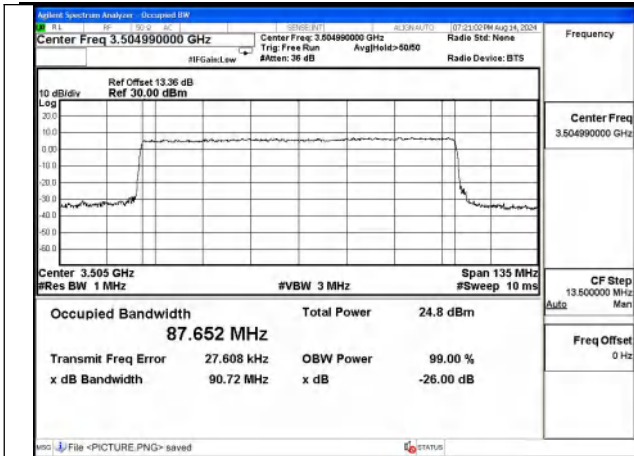


Fig.95

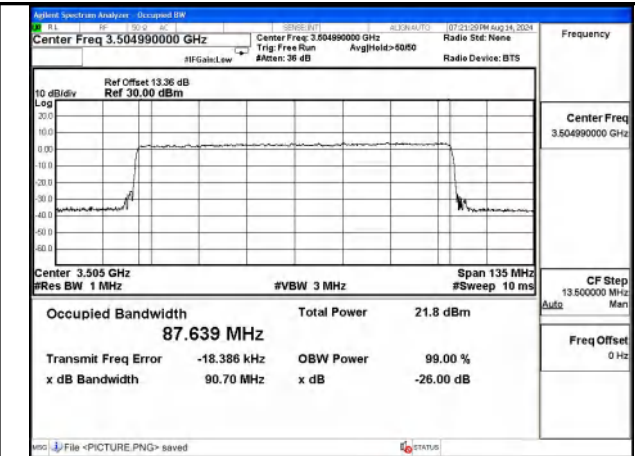


Fig.96

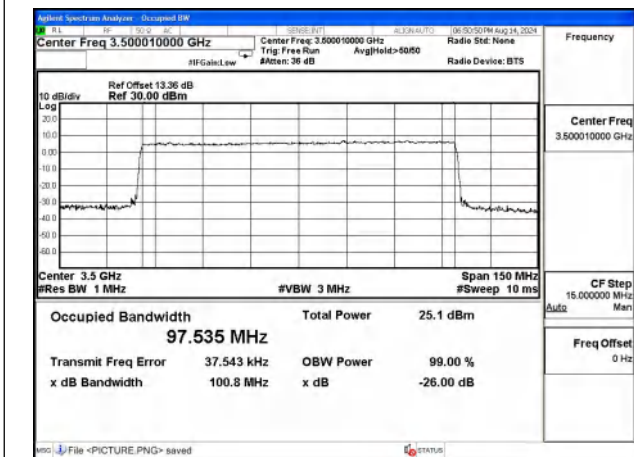


Fig.97

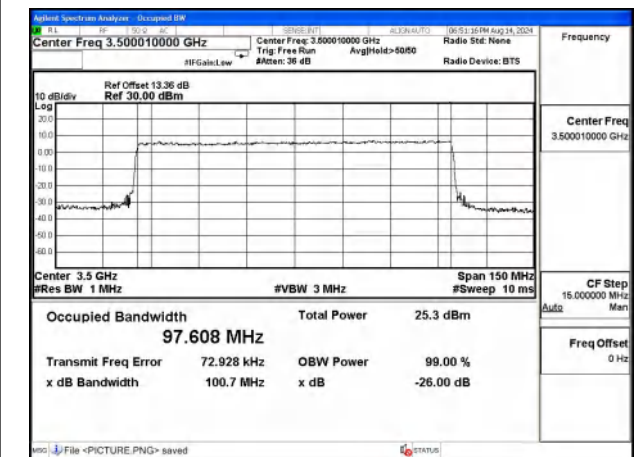


Fig.98

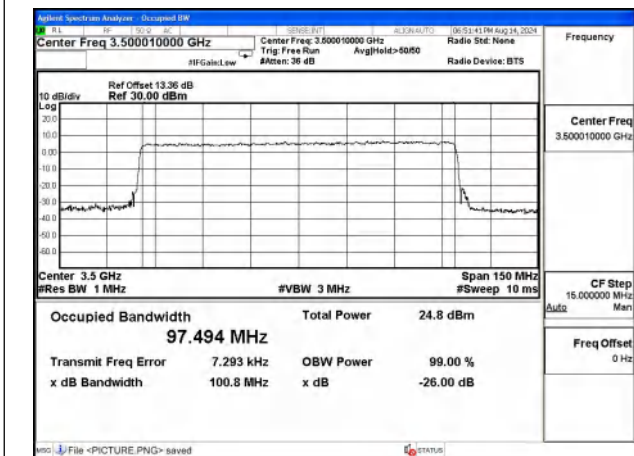


Fig.99

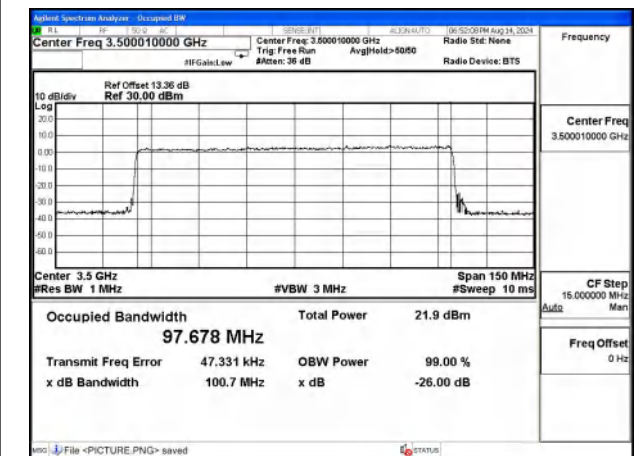


Fig.100

4 Peak-Average Ratio

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	PAR Plot
DFT-s-OFDM PI/2 BPSK	3460.02	630668	20	50	0	Fig.1
DFT-s-OFDM QPSK	3460.02	630668	20	50	0	Fig.2
DFT-s-OFDM 16QAM	3460.02	630668	20	50	0	Fig.3
DFT-s-OFDM 64QAM	3460.02	630668	20	50	0	Fig.4
DFT-s-OFDM 256QAM	3460.02	630668	20	50	0	Fig.5
DFT-s-OFDM PI/2 BPSK	3500.01	633334	20	50	0	Fig.6
DFT-s-OFDM QPSK	3500.01	633334	20	50	0	Fig.7
DFT-s-OFDM 16QAM	3500.01	633334	20	50	0	Fig.8
DFT-s-OFDM 64QAM	3500.01	633334	20	50	0	Fig.9
DFT-s-OFDM 256QAM	3500.01	633334	20	50	0	Fig.10
DFT-s-OFDM PI/2 BPSK	3540	636000	20	50	0	Fig.11
DFT-s-OFDM QPSK	3540	636000	20	50	0	Fig.12
DFT-s-OFDM 16QAM	3540	636000	20	50	0	Fig.13
DFT-s-OFDM 64QAM	3540	636000	20	50	0	Fig.14
DFT-s-OFDM 256QAM	3540	636000	20	50	0	Fig.15
DFT-s-OFDM PI/2 BPSK	3465	631000	30	75	0	Fig.16
DFT-s-OFDM QPSK	3465	631000	30	75	0	Fig.17
DFT-s-OFDM 16QAM	3465	631000	30	75	0	Fig.18
DFT-s-OFDM 64QAM	3465	631000	30	75	0	Fig.19
DFT-s-OFDM 256QAM	3465	631000	30	75	0	Fig.20
DFT-s-OFDM PI/2 BPSK	3500.01	633334	30	75	0	Fig.21
DFT-s-OFDM QPSK	3500.01	633334	30	75	0	Fig.22
DFT-s-OFDM 16QAM	3500.01	633334	30	75	0	Fig.23
DFT-s-OFDM 64QAM	3500.01	633334	30	75	0	Fig.24
DFT-s-OFDM 256QAM	3500.01	633334	30	75	0	Fig.25
DFT-s-OFDM PI/2 BPSK	3534.99	635666	30	75	0	Fig.26
DFT-s-OFDM QPSK	3534.99	635666	30	75	0	Fig.27
DFT-s-OFDM 16QAM	3534.99	635666	30	75	0	Fig.28
DFT-s-OFDM 64QAM	3534.99	635666	30	75	0	Fig.29
DFT-s-OFDM 256QAM	3534.99	635666	30	75	0	Fig.30
DFT-s-OFDM PI/2 BPSK	3470.01	631334	40	100	0	Fig.31
DFT-s-OFDM QPSK	3470.01	631334	40	100	0	Fig.32
DFT-s-OFDM 16QAM	3470.01	631334	40	100	0	Fig.33
DFT-s-OFDM 64QAM	3470.01	631334	40	100	0	Fig.34
DFT-s-OFDM 256QAM	3470.01	631334	40	100	0	Fig.35
DFT-s-OFDM PI/2 BPSK	3500.01	633334	40	100	0	Fig.36
DFT-s-OFDM QPSK	3500.01	633334	40	100	0	Fig.37
DFT-s-OFDM 16QAM	3500.01	633334	40	100	0	Fig.38
DFT-s-OFDM 64QAM	3500.01	633334	40	100	0	Fig.39
DFT-s-OFDM 256QAM	3500.01	633334	40	100	0	Fig.40
DFT-s-OFDM PI/2 BPSK	3529.98	635332	40	100	0	Fig.41
DFT-s-OFDM QPSK	3529.98	635332	40	100	0	Fig.42
DFT-s-OFDM 16QAM	3529.98	635332	40	100	0	Fig.43

DFT-s-OFDM 64QAM	3529.98	635332	40	100	0	Fig.44
DFT-s-OFDM 256QAM	3529.98	635332	40	100	0	Fig.45
DFT-s-OFDM PI/2 BPSK	3475.02	631668	50	128	0	Fig.46
DFT-s-OFDM QPSK	3475.02	631668	50	128	0	Fig.47
DFT-s-OFDM 16QAM	3475.02	631668	50	128	0	Fig.48
DFT-s-OFDM 64QAM	3475.02	631668	50	128	0	Fig.49
DFT-s-OFDM 256QAM	3475.02	631668	50	128	0	Fig.50
DFT-s-OFDM PI/2 BPSK	3500.01	633334	50	128	0	Fig.51
DFT-s-OFDM QPSK	3500.01	633334	50	128	0	Fig.52
DFT-s-OFDM 16QAM	3500.01	633334	50	128	0	Fig.53
DFT-s-OFDM 64QAM	3500.01	633334	50	128	0	Fig.54
DFT-s-OFDM 256QAM	3500.01	633334	50	128	0	Fig.55
DFT-s-OFDM PI/2 BPSK	3525	635000	50	128	0	Fig.56
DFT-s-OFDM QPSK	3525	635000	50	128	0	Fig.57
DFT-s-OFDM 16QAM	3525	635000	50	128	0	Fig.58
DFT-s-OFDM 64QAM	3525	635000	50	128	0	Fig.59
DFT-s-OFDM 256QAM	3525	635000	50	128	0	Fig.60
DFT-s-OFDM PI/2 BPSK	3480	632000	60	162	0	Fig.61
DFT-s-OFDM QPSK	3480	632000	60	162	0	Fig.62
DFT-s-OFDM 16QAM	3480	632000	60	162	0	Fig.63
DFT-s-OFDM 64QAM	3480	632000	60	162	0	Fig.64
DFT-s-OFDM 256QAM	3480	632000	60	162	0	Fig.65
DFT-s-OFDM PI/2 BPSK	3500.01	633334	60	162	0	Fig.66
DFT-s-OFDM QPSK	3500.01	633334	60	162	0	Fig.67
DFT-s-OFDM 16QAM	3500.01	633334	60	162	0	Fig.68
DFT-s-OFDM 64QAM	3500.01	633334	60	162	0	Fig.69
DFT-s-OFDM 256QAM	3500.01	633334	60	162	0	Fig.70
DFT-s-OFDM PI/2 BPSK	3519.99	634666	60	162	0	Fig.71
DFT-s-OFDM QPSK	3519.99	634666	60	162	0	Fig.72
DFT-s-OFDM 16QAM	3519.99	634666	60	162	0	Fig.73
DFT-s-OFDM 64QAM	3519.99	634666	60	162	0	Fig.74
DFT-s-OFDM 256QAM	3519.99	634666	60	162	0	Fig.75
DFT-s-OFDM PI/2 BPSK	3485.01	632334	70	180	0	Fig.76
DFT-s-OFDM QPSK	3485.01	632334	70	180	0	Fig.77
DFT-s-OFDM 16QAM	3485.01	632334	70	180	0	Fig.78
DFT-s-OFDM 64QAM	3485.01	632334	70	180	0	Fig.79
DFT-s-OFDM 256QAM	3485.01	632334	70	180	0	Fig.80
DFT-s-OFDM PI/2 BPSK	3500.01	633334	70	180	0	Fig.81
DFT-s-OFDM QPSK	3500.01	633334	70	180	0	Fig.82
DFT-s-OFDM 16QAM	3500.01	633334	70	180	0	Fig.83
DFT-s-OFDM 64QAM	3500.01	633334	70	180	0	Fig.84
DFT-s-OFDM 256QAM	3500.01	633334	70	180	0	Fig.85
DFT-s-OFDM PI/2 BPSK	3514.98	634332	70	180	0	Fig.86
DFT-s-OFDM QPSK	3514.98	634332	70	180	0	Fig.87
DFT-s-OFDM 16QAM	3514.98	634332	70	180	0	Fig.88

DFT-s-OFDM 64QAM	3514.98	634332	70	180	0	Fig.89
DFT-s-OFDM 256QAM	3514.98	634332	70	180	0	Fig.90
DFT-s-OFDM PI/2 BPSK	3490.02	632668	80	216	0	Fig.91
DFT-s-OFDM QPSK	3490.02	632668	80	216	0	Fig.92
DFT-s-OFDM 16QAM	3490.02	632668	80	216	0	Fig.93
DFT-s-OFDM 64QAM	3490.02	632668	80	216	0	Fig.94
DFT-s-OFDM 256QAM	3490.02	632668	80	216	0	Fig.95
DFT-s-OFDM PI/2 BPSK	3500.01	633334	80	216	0	Fig.96
DFT-s-OFDM QPSK	3500.01	633334	80	216	0	Fig.97
DFT-s-OFDM 16QAM	3500.01	633334	80	216	0	Fig.98
DFT-s-OFDM 64QAM	3500.01	633334	80	216	0	Fig.99
DFT-s-OFDM 256QAM	3500.01	633334	80	216	0	Fig.100
DFT-s-OFDM PI/2 BPSK	3510	634000	80	216	0	Fig.101
DFT-s-OFDM QPSK	3510	634000	80	216	0	Fig.102
DFT-s-OFDM 16QAM	3510	634000	80	216	0	Fig.103
DFT-s-OFDM 64QAM	3510	634000	80	216	0	Fig.104
DFT-s-OFDM 256QAM	3510	634000	80	216	0	Fig.105
DFT-s-OFDM PI/2 BPSK	3495	633000	90	243	0	Fig.106
DFT-s-OFDM QPSK	3495	633000	90	243	0	Fig.107
DFT-s-OFDM 16QAM	3495	633000	90	243	0	Fig.108
DFT-s-OFDM 64QAM	3495	633000	90	243	0	Fig.109
DFT-s-OFDM 256QAM	3495	633000	90	243	0	Fig.110
DFT-s-OFDM PI/2 BPSK	3500.01	633334	90	243	0	Fig.111
DFT-s-OFDM QPSK	3500.01	633334	90	243	0	Fig.112
DFT-s-OFDM 16QAM	3500.01	633334	90	243	0	Fig.113
DFT-s-OFDM 64QAM	3500.01	633334	90	243	0	Fig.114
DFT-s-OFDM 256QAM	3500.01	633334	90	243	0	Fig.115
DFT-s-OFDM PI/2 BPSK	3504.99	633666	90	243	0	Fig.116
DFT-s-OFDM QPSK	3504.99	633666	90	243	0	Fig.117
DFT-s-OFDM 16QAM	3504.99	633666	90	243	0	Fig.118
DFT-s-OFDM 64QAM	3504.99	633666	90	243	0	Fig.119
DFT-s-OFDM 256QAM	3504.99	633666	90	243	0	Fig.120
DFT-s-OFDM PI/2 BPSK	3500.01	633334	100	270	0	Fig.121
DFT-s-OFDM QPSK	3500.01	633334	100	270	0	Fig.122
DFT-s-OFDM 16QAM	3500.01	633334	100	270	0	Fig.123
DFT-s-OFDM 64QAM	3500.01	633334	100	270	0	Fig.124
DFT-s-OFDM 256QAM	3500.01	633334	100	270	0	Fig.125

Test Plot:

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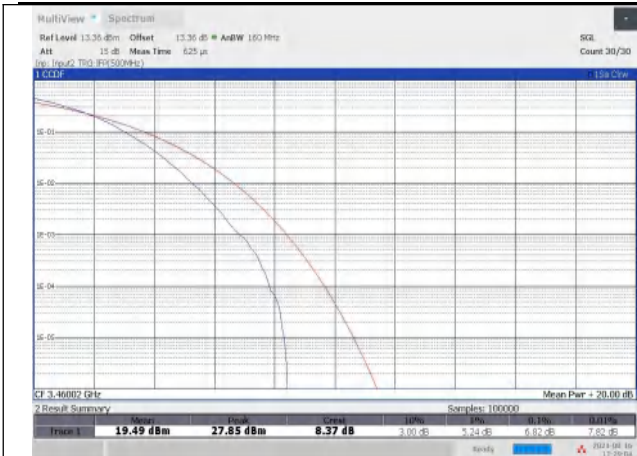


Fig.1

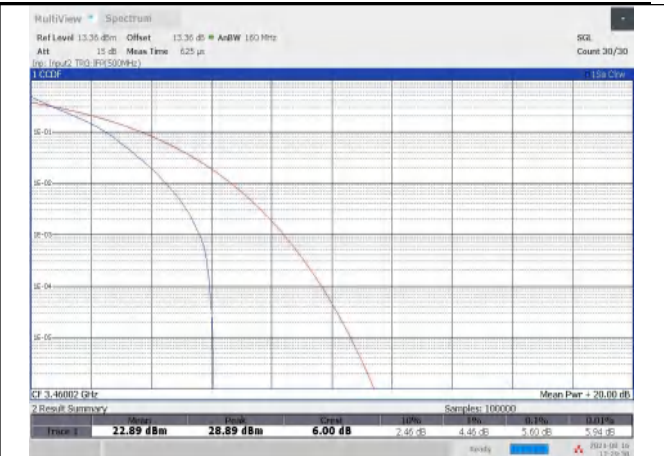


Fig.2

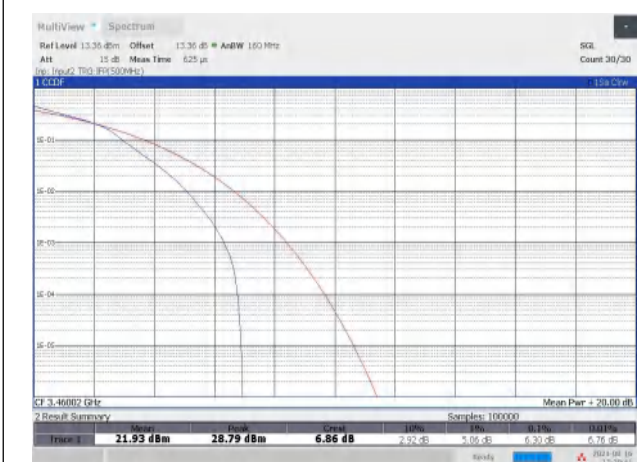


Fig.3

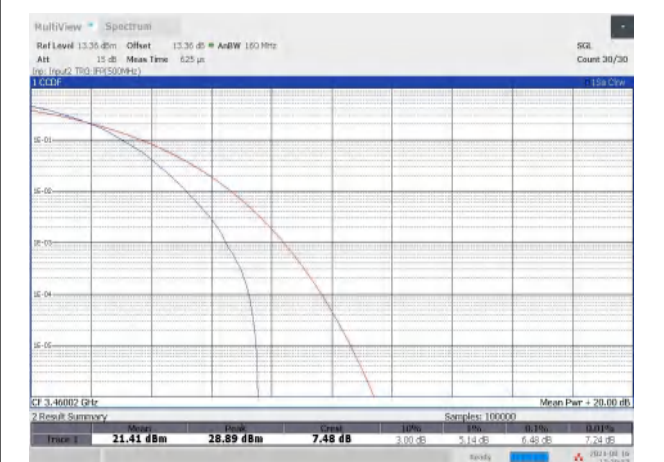


Fig.4

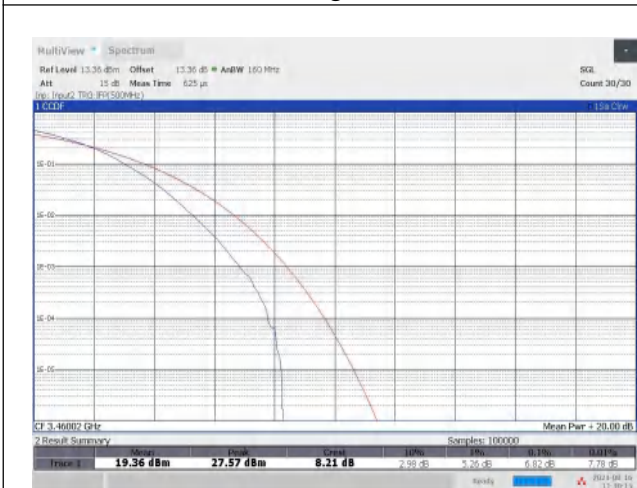


Fig.5

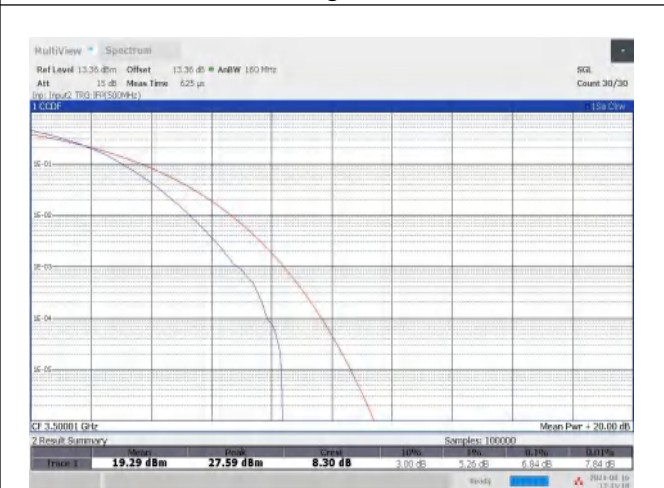


Fig.6

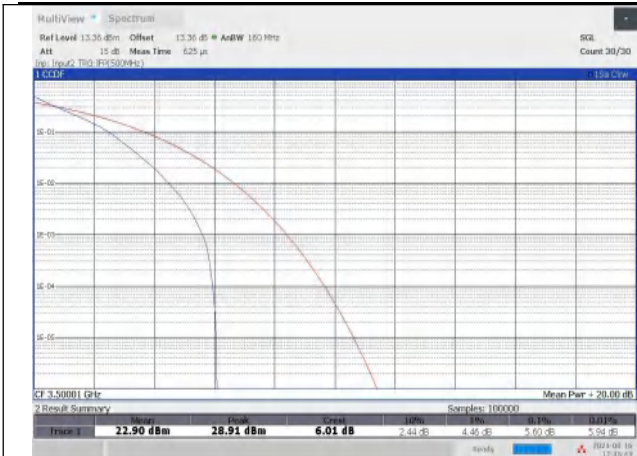


Fig.7

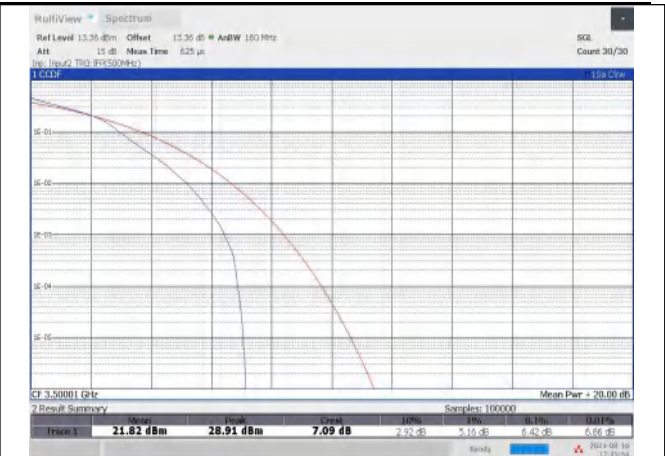


Fig.8

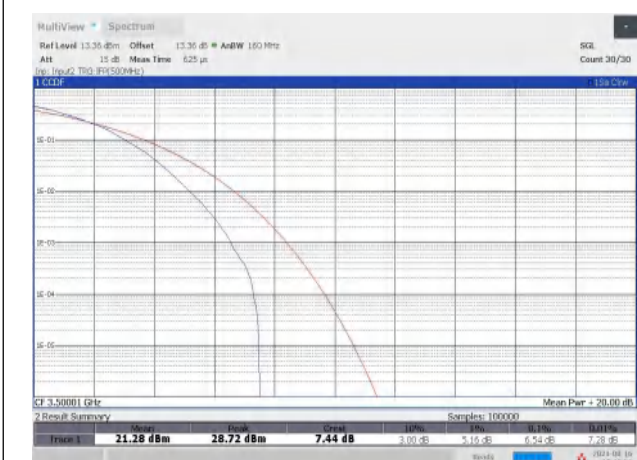


Fig.9

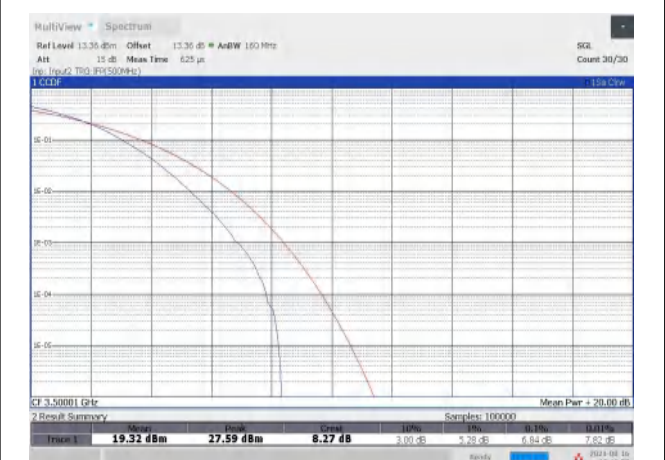


Fig.10

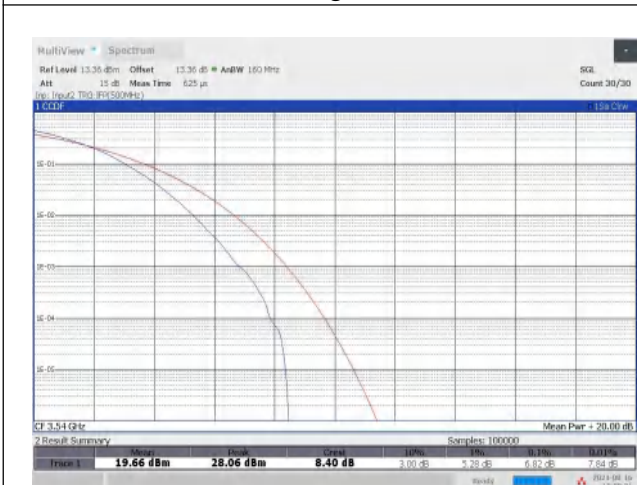


Fig.11

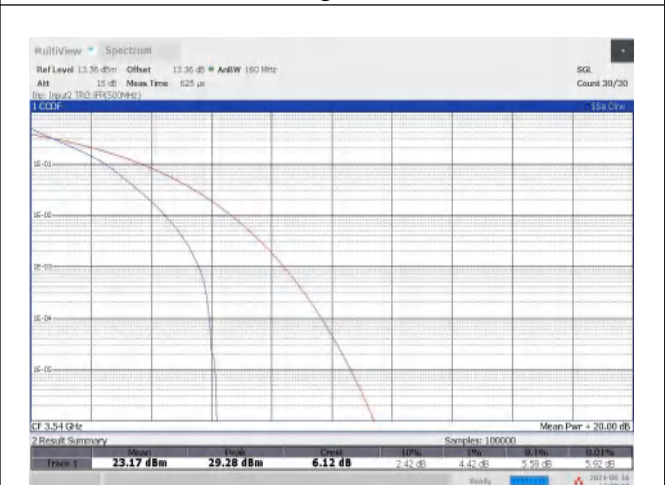


Fig.12



Fig.13

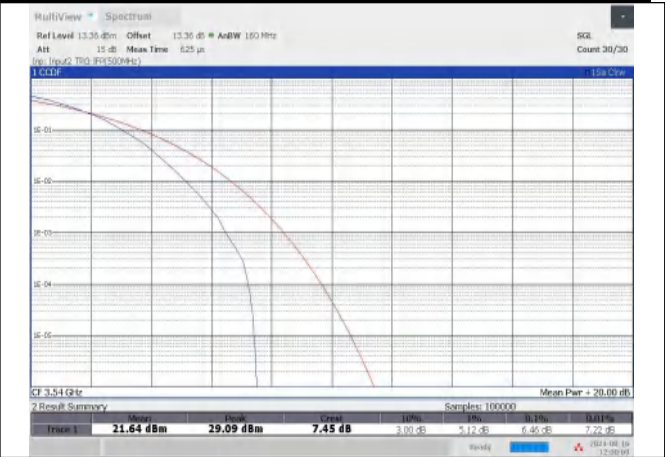


Fig.14

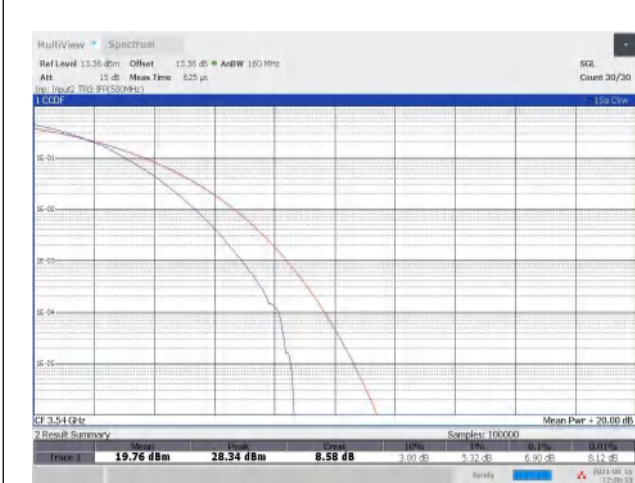


Fig.15

5 Spurious Emissions at antenna terminal

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted Spurious Plot	
						30M~1G	1G~20G
CP-OFDM QPSK	3460.02	630668	20	51	0	Fig.1	Fig.2
CP-OFDM QPSK	3460.02	630668	20	1	0	Fig.3	Fig.4
CP-OFDM QPSK	3460.02	630668	20	1	50	Fig.5	Fig.6
CP-OFDM QPSK	3500.01	633334	20	51	0	Fig.7	Fig.8
CP-OFDM QPSK	3500.01	633334	20	1	0	Fig.9	Fig.10
CP-OFDM QPSK	3500.01	633334	20	1	50	Fig.11	Fig.12
CP-OFDM QPSK	3540	636000	20	51	0	Fig.13	Fig.14
CP-OFDM QPSK	3540	636000	20	1	0	Fig.15	Fig.16
CP-OFDM QPSK	3540	636000	20	1	50	Fig.17	Fig.18
CP-OFDM QPSK	3465	631000	30	78	0	Fig.19	Fig.20
CP-OFDM QPSK	3465	631000	30	1	0	Fig.21	Fig.22
CP-OFDM QPSK	3465	631000	30	1	77	Fig.23	Fig.24
CP-OFDM QPSK	3500.01	633334	30	78	0	Fig.25	Fig.26
CP-OFDM QPSK	3500.01	633334	30	1	0	Fig.27	Fig.28
CP-OFDM QPSK	3500.01	633334	30	1	77	Fig.29	Fig.30
CP-OFDM QPSK	3534.99	635666	30	78	0	Fig.31	Fig.32
CP-OFDM QPSK	3534.99	635666	30	1	0	Fig.33	Fig.34
CP-OFDM QPSK	3534.99	635666	30	1	77	Fig.35	Fig.36
CP-OFDM QPSK	3470.01	631334	40	106	0	Fig.37	Fig.38
CP-OFDM QPSK	3470.01	631334	40	1	0	Fig.39	Fig.40
CP-OFDM QPSK	3470.01	631334	40	1	105	Fig.41	Fig.42
CP-OFDM QPSK	3500.01	633334	40	106	0	Fig.43	Fig.44
CP-OFDM QPSK	3500.01	633334	40	1	0	Fig.45	Fig.46
CP-OFDM QPSK	3500.01	633334	40	1	105	Fig.47	Fig.48
CP-OFDM QPSK	3529.98	635332	40	106	0	Fig.49	Fig.50
CP-OFDM QPSK	3529.98	635332	40	1	0	Fig.51	Fig.52
CP-OFDM QPSK	3529.98	635332	40	1	105	Fig.53	Fig.54
CP-OFDM QPSK	3475.02	631668	50	133	0	Fig.55	Fig.56
CP-OFDM QPSK	3475.02	631668	50	1	0	Fig.57	Fig.58
CP-OFDM QPSK	3475.02	631668	50	1	132	Fig.59	Fig.60
CP-OFDM QPSK	3500.01	633334	50	133	0	Fig.61	Fig.62
CP-OFDM QPSK	3500.01	633334	50	1	0	Fig.63	Fig.64
CP-OFDM QPSK	3500.01	633334	50	1	132	Fig.65	Fig.66
CP-OFDM QPSK	3525	635000	50	133	0	Fig.67	Fig.68
CP-OFDM QPSK	3525	635000	50	1	0	Fig.69	Fig.70
CP-OFDM QPSK	3525	635000	50	1	132	Fig.71	Fig.72
CP-OFDM QPSK	3480	632000	60	162	0	Fig.73	Fig.74
CP-OFDM QPSK	3480	632000	60	1	0	Fig.75	Fig.76
CP-OFDM QPSK	3480	632000	60	1	161	Fig.77	Fig.78
CP-OFDM QPSK	3500.01	633334	60	162	0	Fig.79	Fig.80
CP-OFDM QPSK	3500.01	633334	60	1	0	Fig.81	Fig.82
CP-OFDM QPSK	3500.01	633334	60	1	161	Fig.83	Fig.84

CP-OFDM QPSK	3519.99	634666	60	162	0	Fig.85	Fig.86
CP-OFDM QPSK	3519.99	634666	60	1	0	Fig.87	Fig.88
CP-OFDM QPSK	3519.99	634666	60	1	161	Fig.89	Fig.90
CP-OFDM QPSK	3485.01	632334	70	189	0	Fig.91	Fig.92
CP-OFDM QPSK	3485.01	632334	70	1	0	Fig.93	Fig.94
CP-OFDM QPSK	3485.01	632334	70	1	188	Fig.95	Fig.96
CP-OFDM QPSK	3500.01	633334	70	189	0	Fig.97	Fig.98
CP-OFDM QPSK	3500.01	633334	70	1	0	Fig.99	Fig.100
CP-OFDM QPSK	3500.01	633334	70	1	188	Fig.101	Fig.102
CP-OFDM QPSK	3514.98	634332	70	189	0	Fig.103	Fig.104
CP-OFDM QPSK	3514.98	634332	70	1	0	Fig.105	Fig.106
CP-OFDM QPSK	3514.98	634332	70	1	188	Fig.107	Fig.108
CP-OFDM QPSK	3490.02	632668	80	217	0	Fig.109	Fig.110
CP-OFDM QPSK	3490.02	632668	80	1	0	Fig.111	Fig.112
CP-OFDM QPSK	3490.02	632668	80	1	216	Fig.113	Fig.114
CP-OFDM QPSK	3500.01	633334	80	217	0	Fig.115	Fig.116
CP-OFDM QPSK	3500.01	633334	80	1	0	Fig.117	Fig.118
CP-OFDM QPSK	3500.01	633334	80	1	216	Fig.119	Fig.120
CP-OFDM QPSK	3510	634000	80	217	0	Fig.121	Fig.122
CP-OFDM QPSK	3510	634000	80	1	0	Fig.123	Fig.124
CP-OFDM QPSK	3510	634000	80	1	216	Fig.125	Fig.126
CP-OFDM QPSK	3495	633000	90	245	0	Fig.127	Fig.128
CP-OFDM QPSK	3495	633000	90	1	0	Fig.129	Fig.130
CP-OFDM QPSK	3495	633000	90	1	244	Fig.131	Fig.132
CP-OFDM QPSK	3500.01	633334	90	245	0	Fig.133	Fig.134
CP-OFDM QPSK	3500.01	633334	90	1	0	Fig.135	Fig.136
CP-OFDM QPSK	3500.01	633334	90	1	244	Fig.137	Fig.138
CP-OFDM QPSK	3504.99	633666	90	245	0	Fig.139	Fig.140
CP-OFDM QPSK	3504.99	633666	90	1	0	Fig.141	Fig.142
CP-OFDM QPSK	3504.99	633666	90	1	244	Fig.143	Fig.144
CP-OFDM QPSK	3500.01	633334	100	273	0	Fig.145	Fig.146
CP-OFDM QPSK	3500.01	633334	100	1	0	Fig.147	Fig.148
CP-OFDM QPSK	3500.01	633334	100	1	272	Fig.149	Fig.150

Test Plot:

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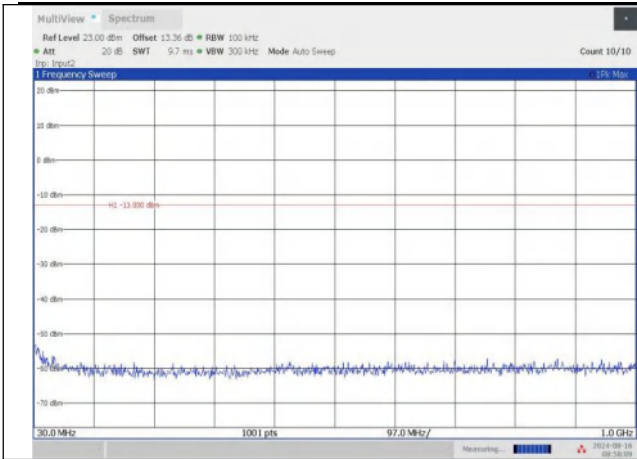


Fig.1

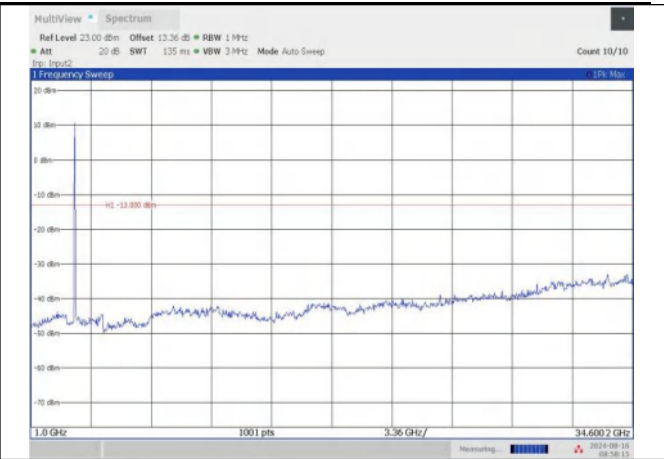


Fig.2

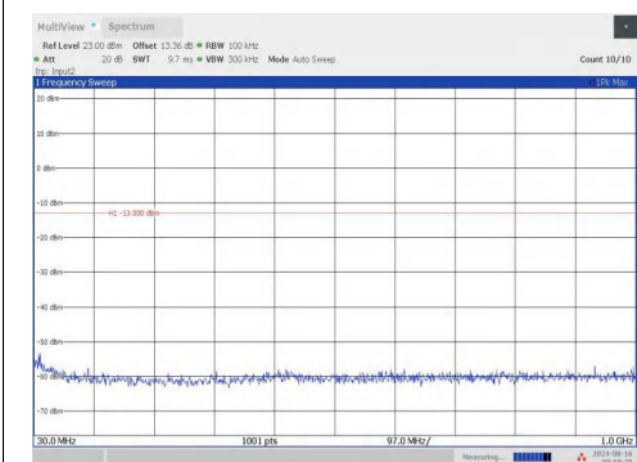


Fig.3

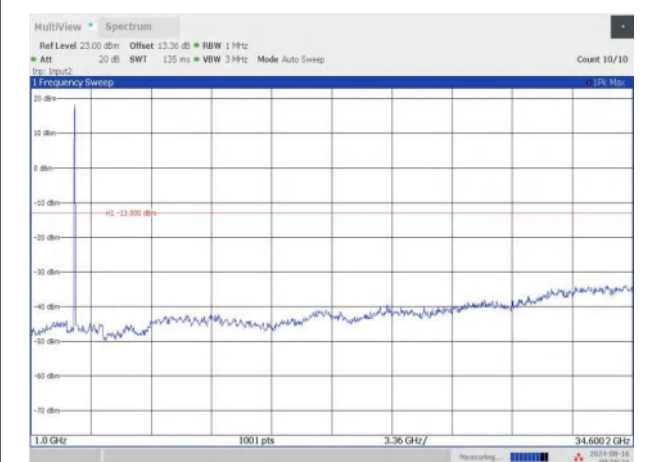


Fig.4

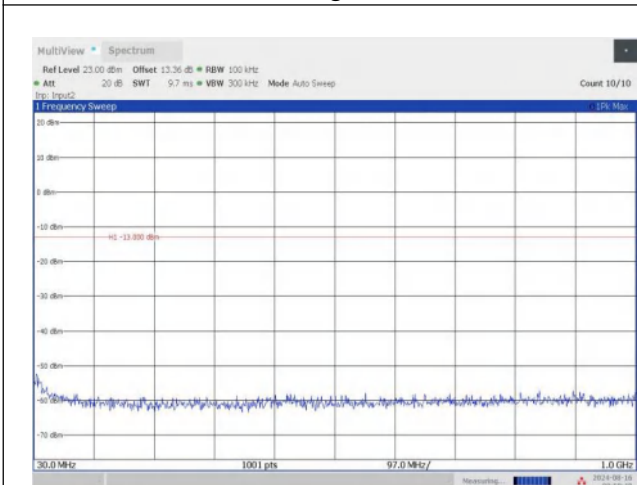


Fig.5

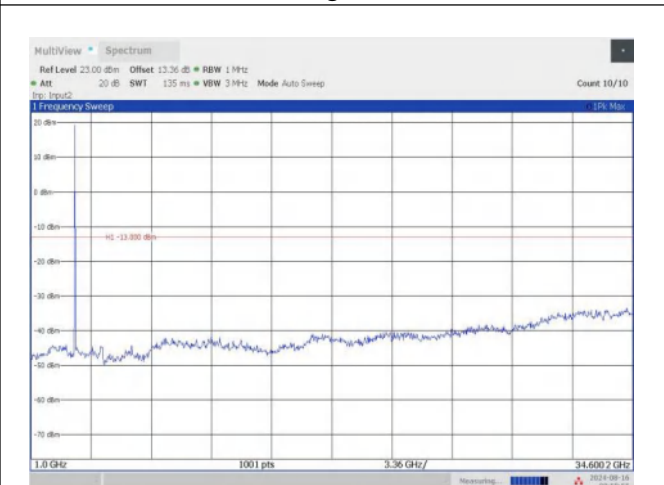


Fig.6

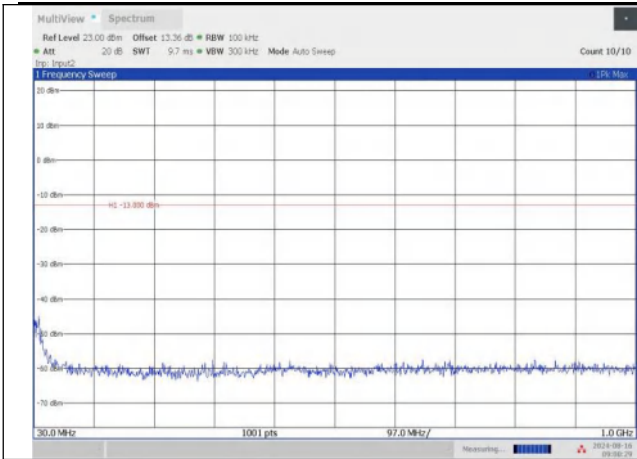


Fig.7

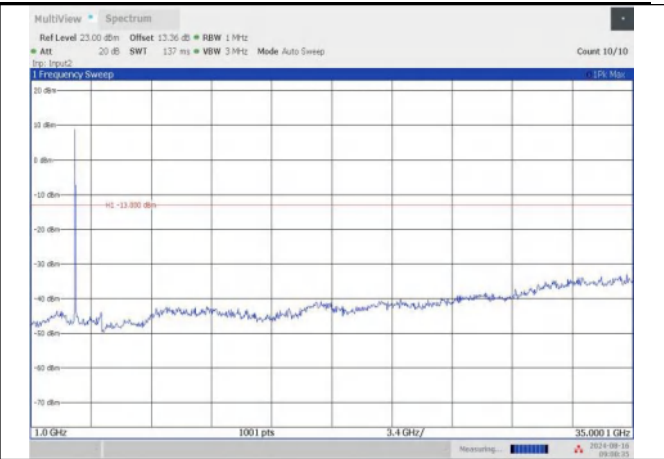


Fig.8

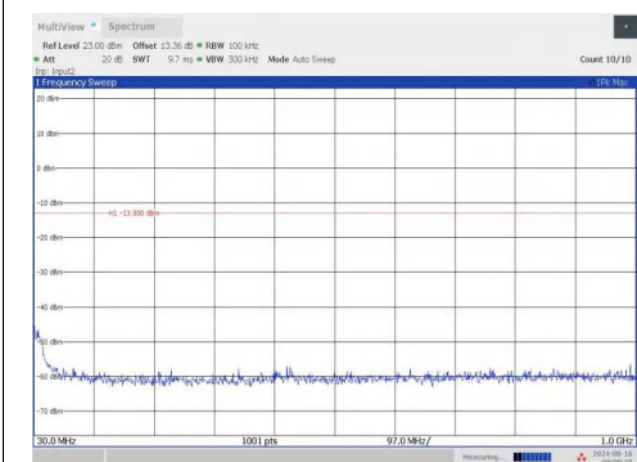


Fig.9

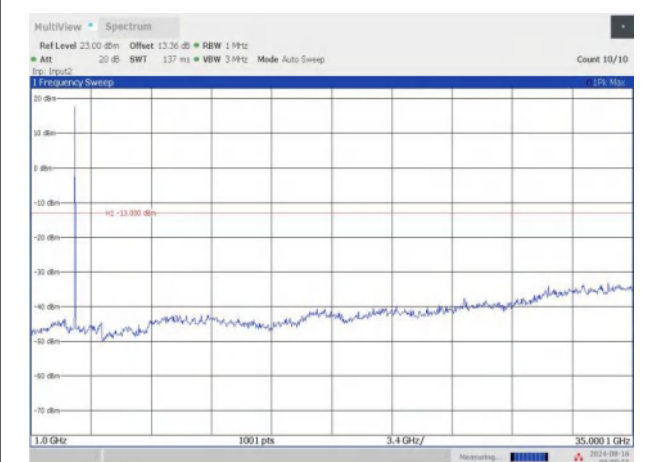


Fig.10

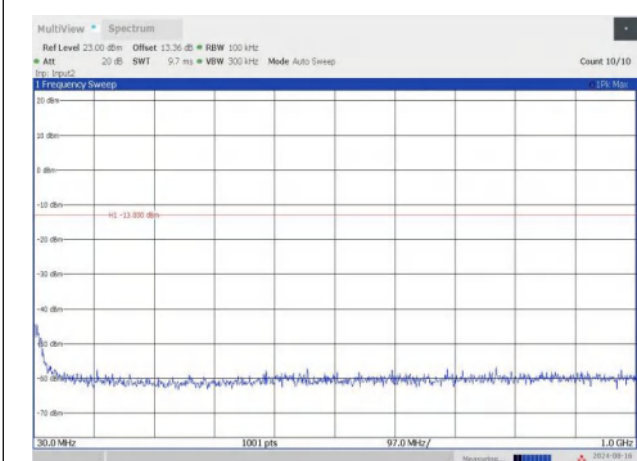


Fig.11

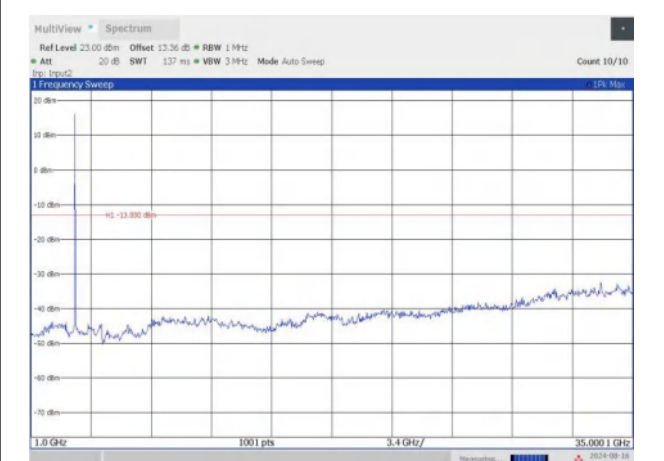


Fig.12

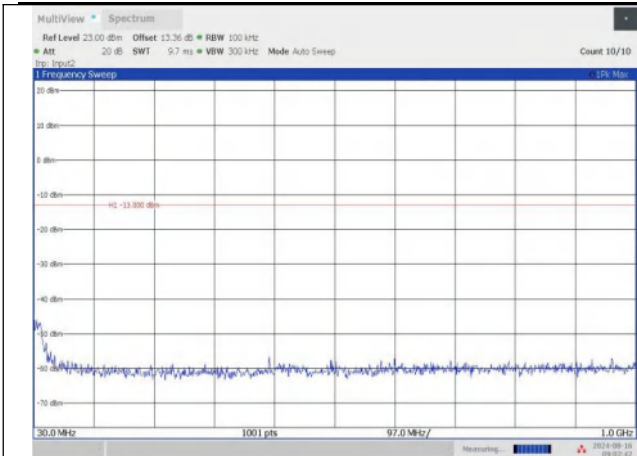


Fig.13

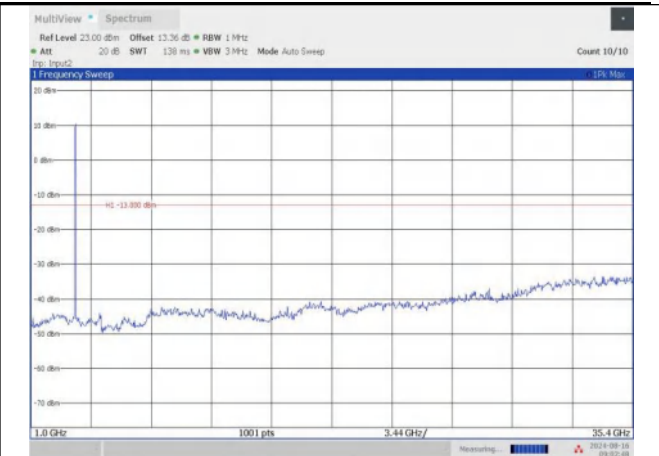


Fig.14

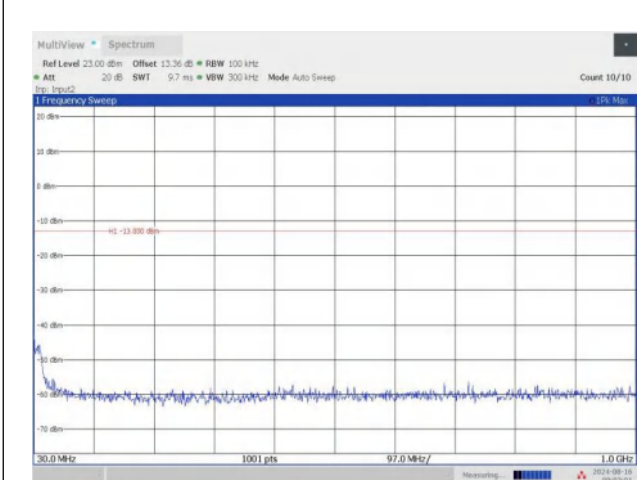


Fig.15

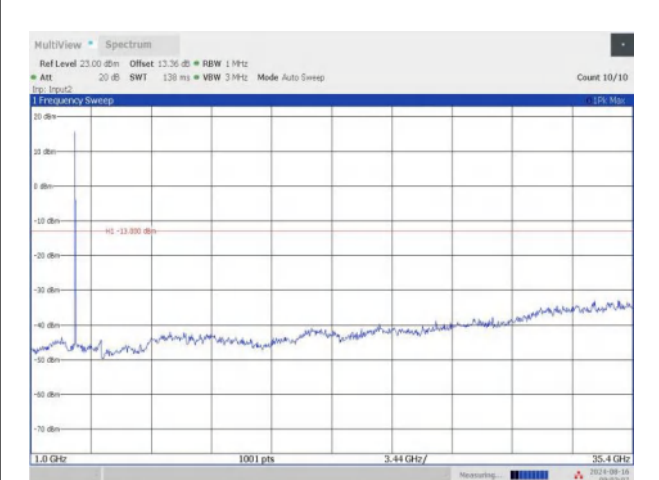


Fig.16

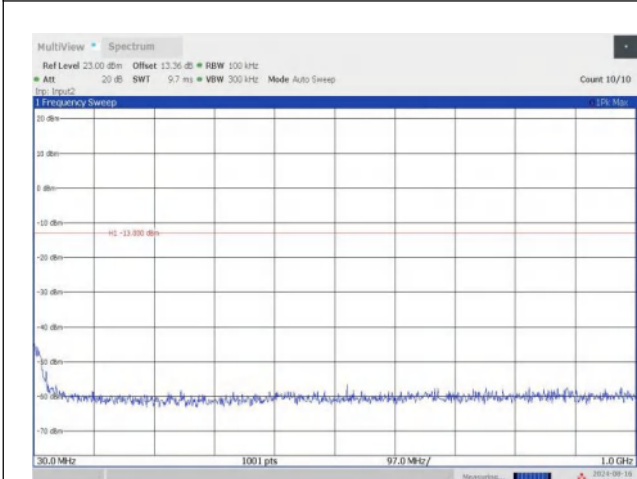


Fig.17

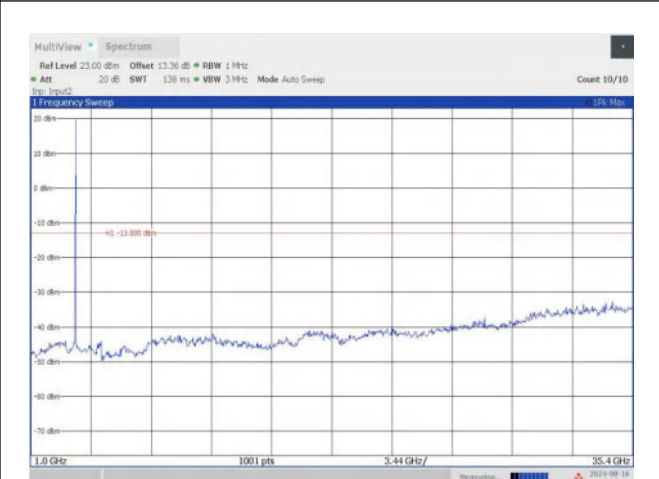


Fig.18

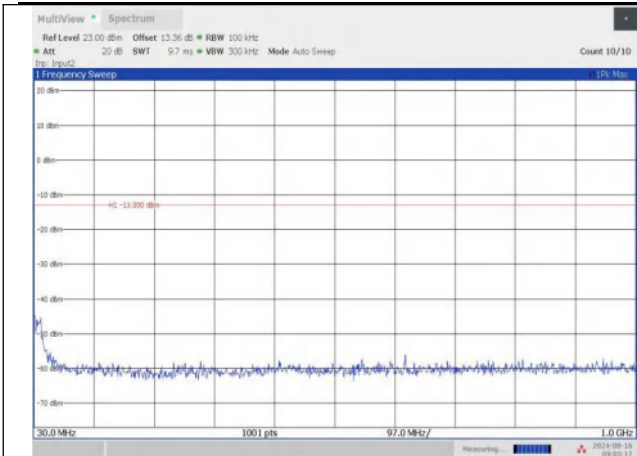


Fig.19

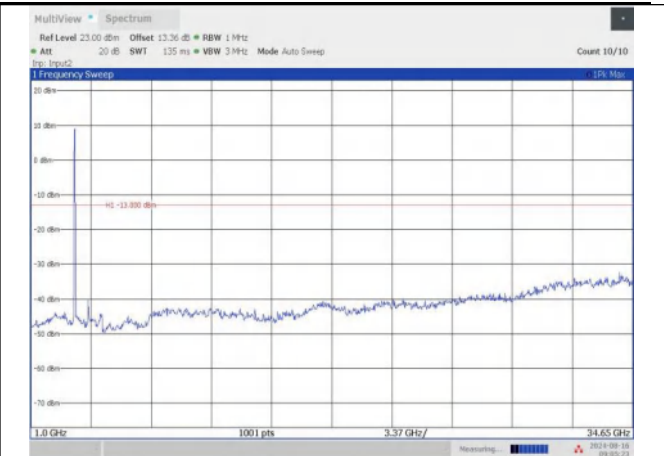


Fig.20

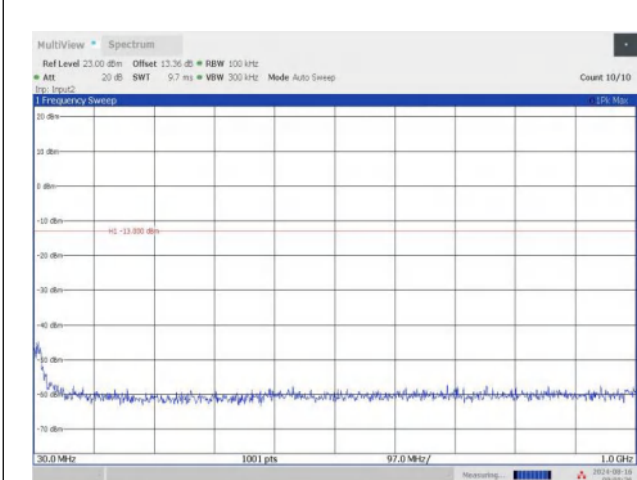


Fig.21



Fig.22

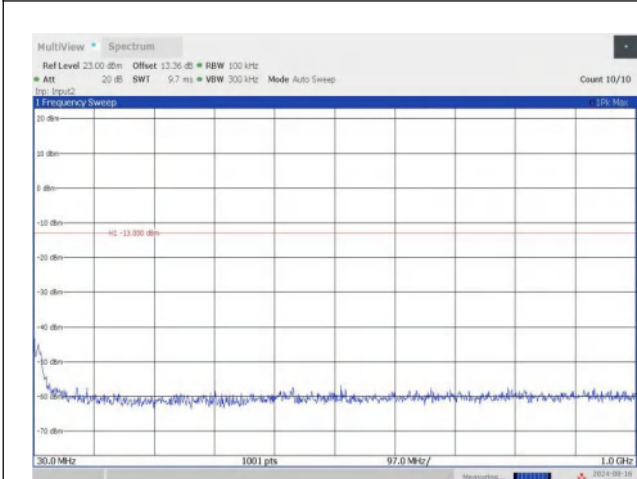


Fig.23



Fig.24

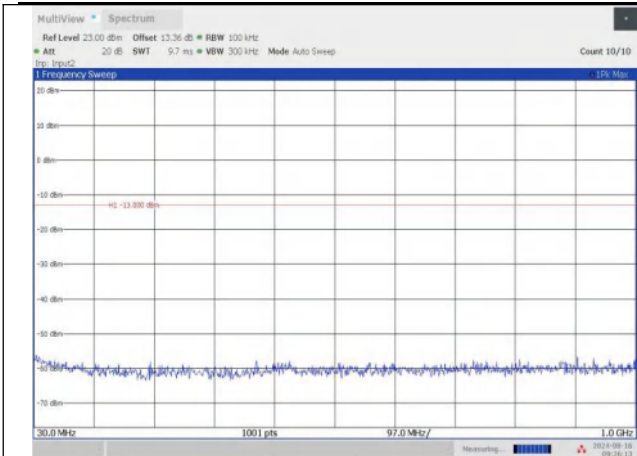


Fig.25

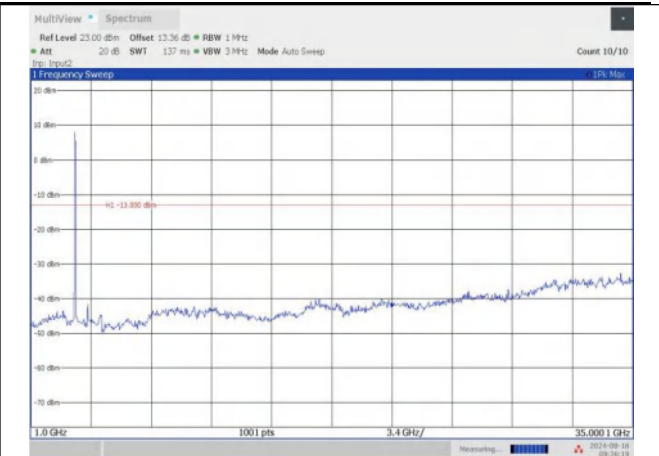


Fig.26

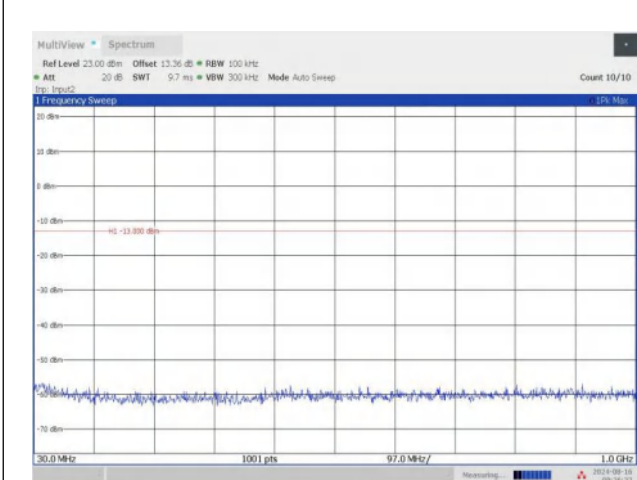


Fig.27



Fig.28

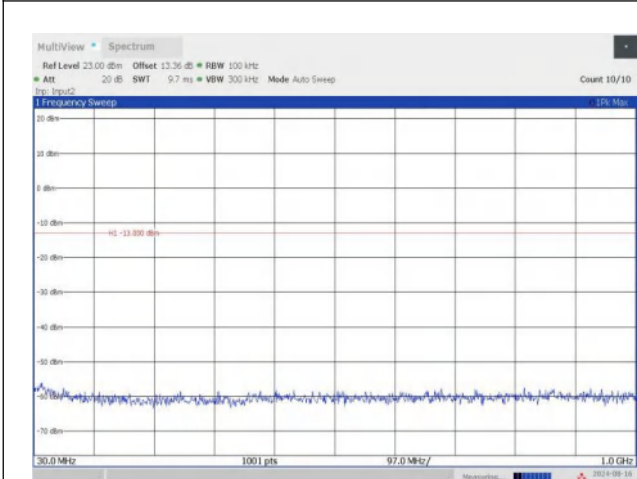


Fig.29

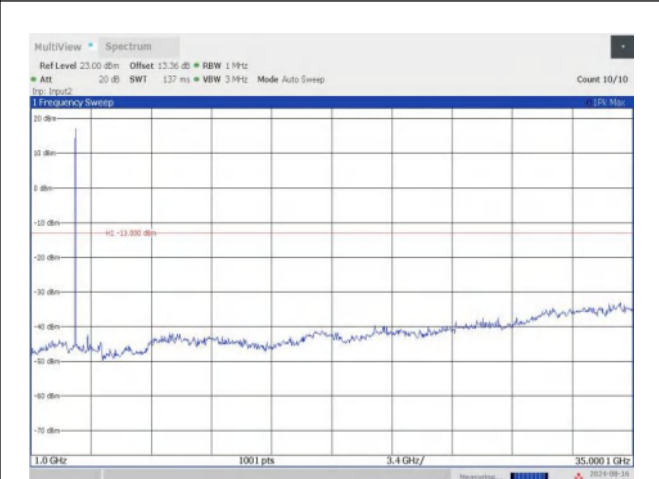


Fig.30

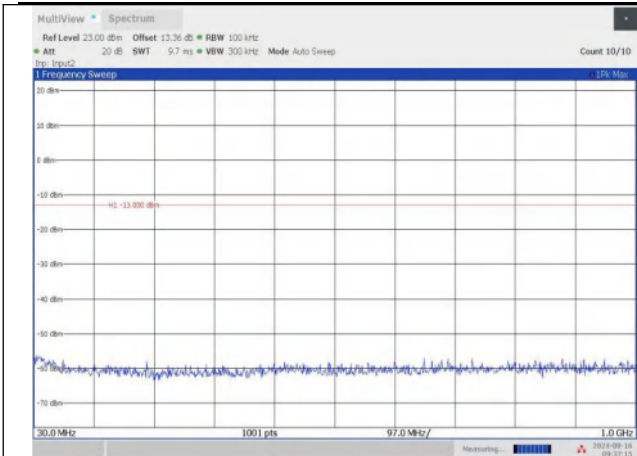


Fig.31

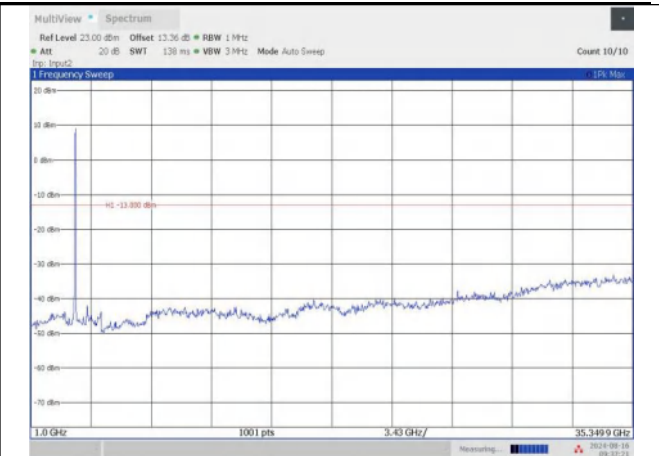


Fig.32

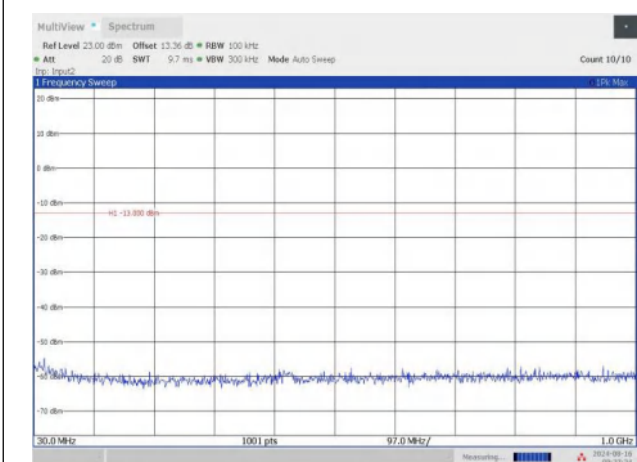


Fig.33

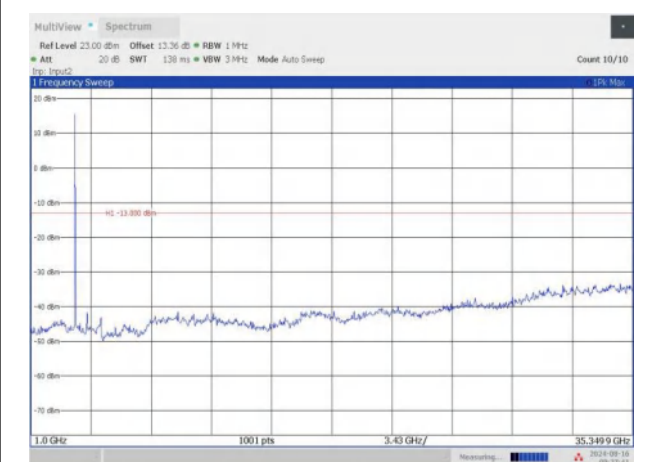


Fig.34

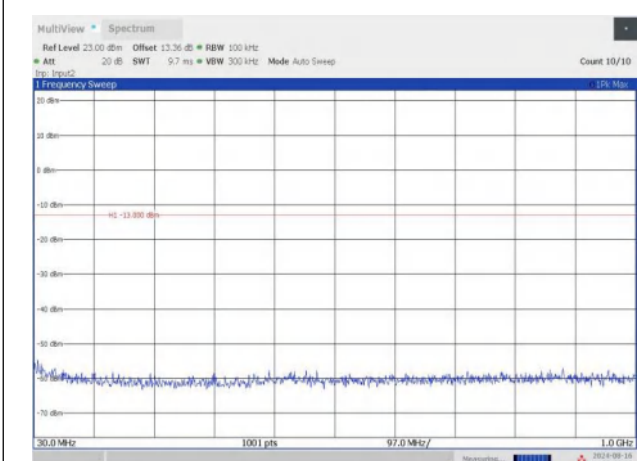


Fig.35

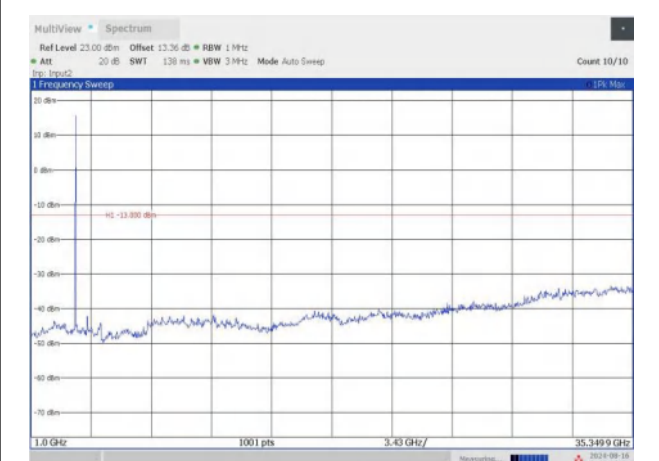


Fig.36

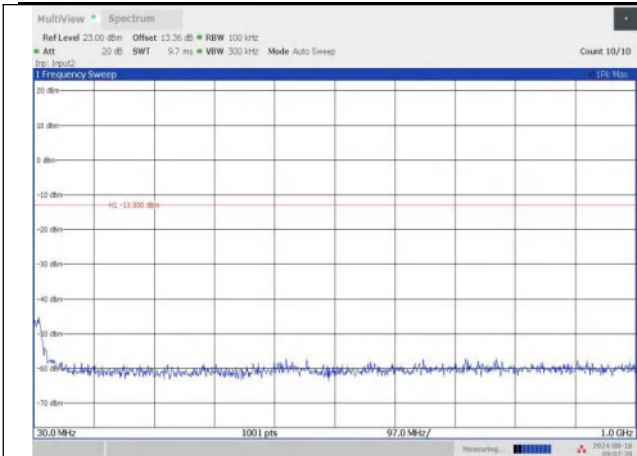


Fig.37

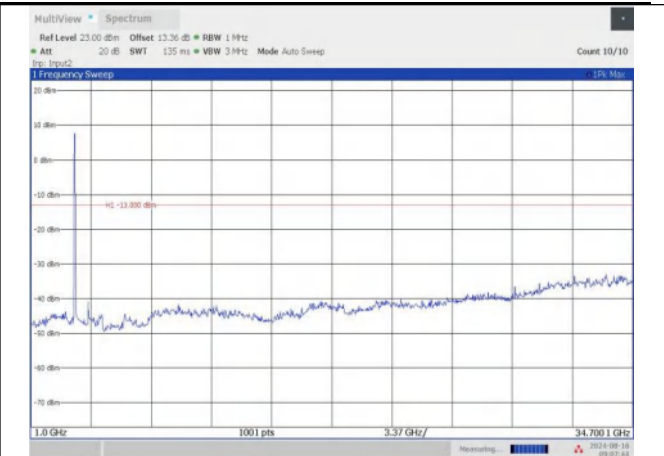


Fig.38

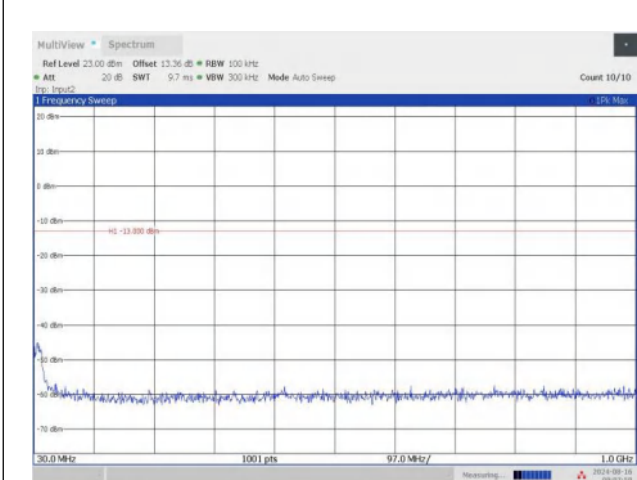


Fig.39

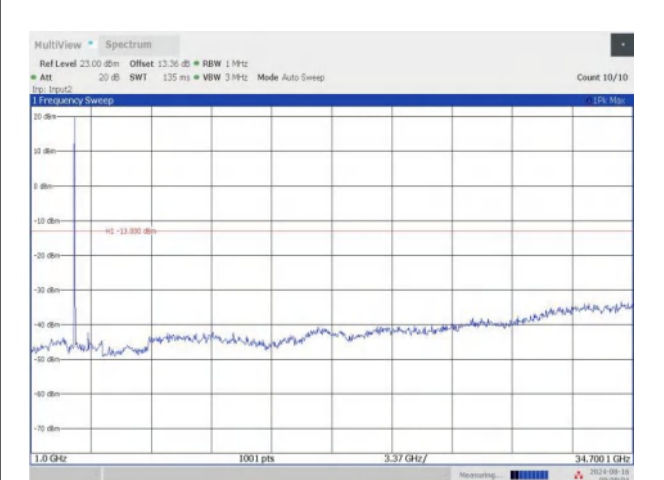


Fig.40

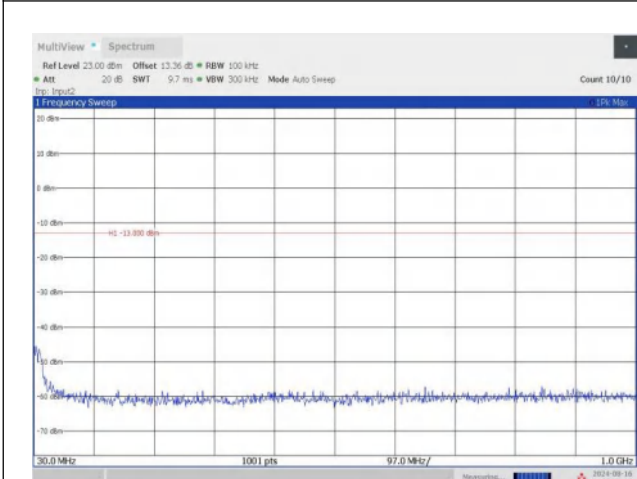


Fig.41

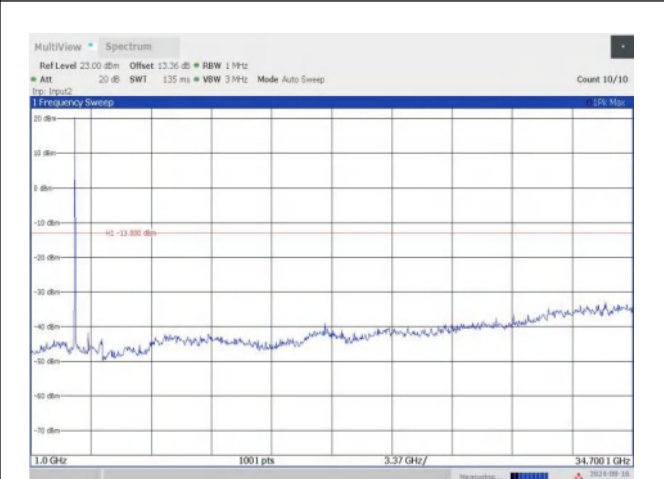


Fig.42

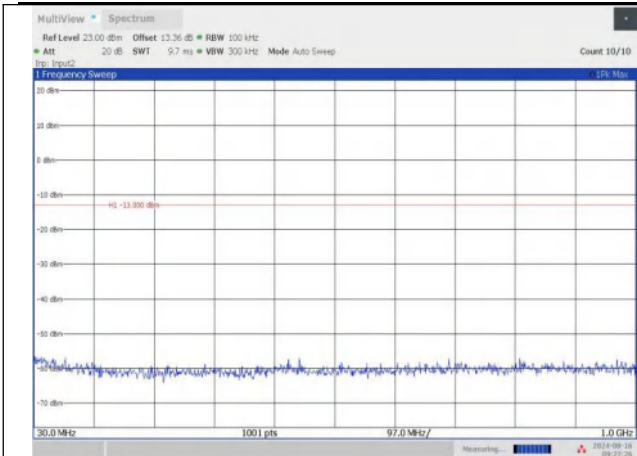


Fig.43

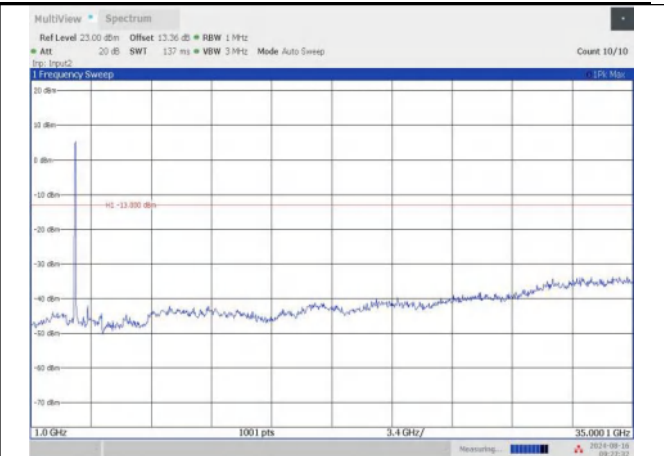


Fig.44

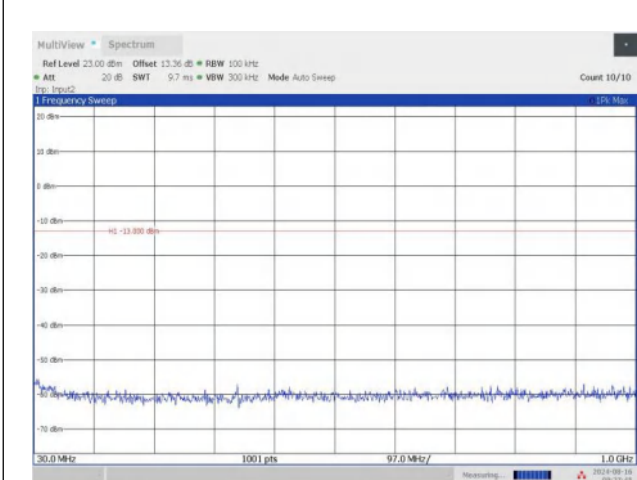


Fig.45

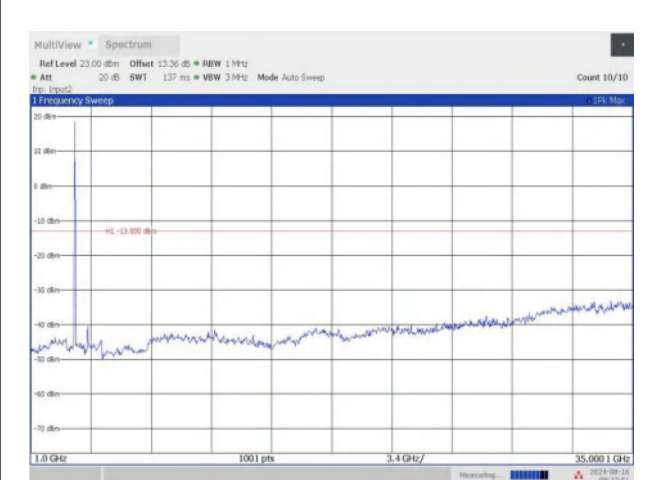


Fig.46

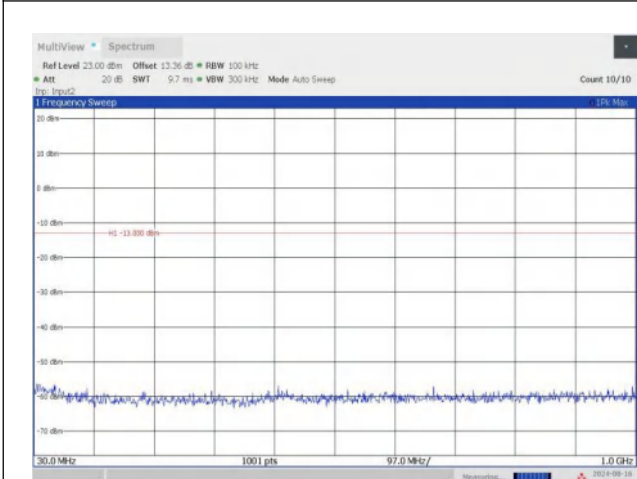


Fig.47

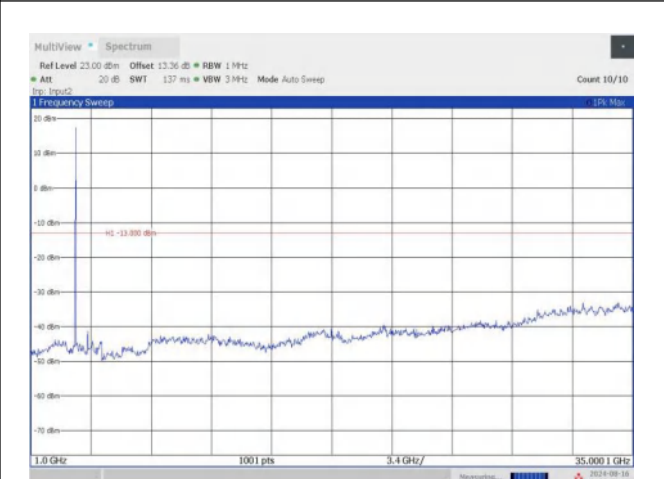


Fig.48

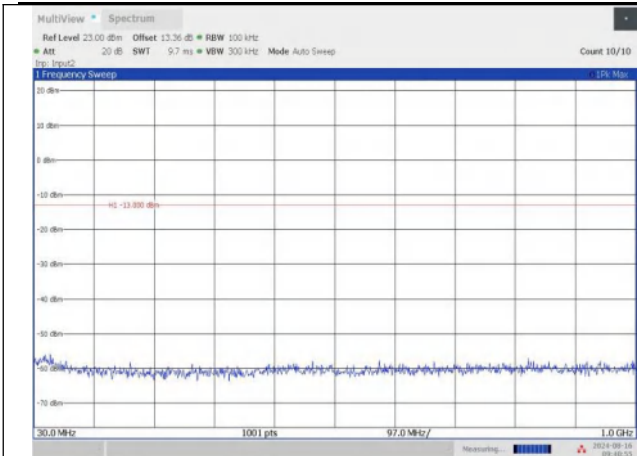


Fig.49

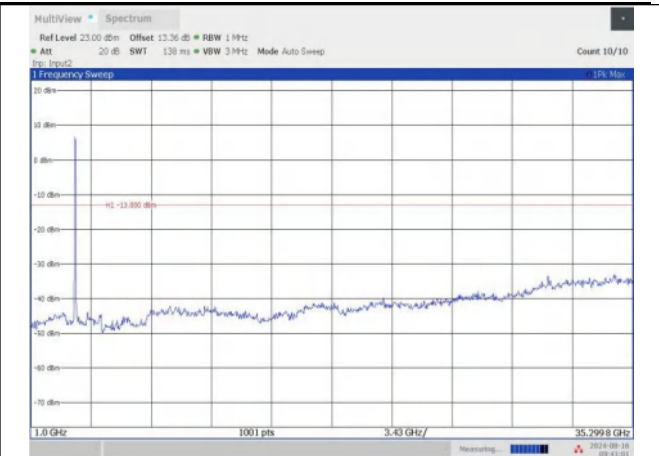


Fig.50

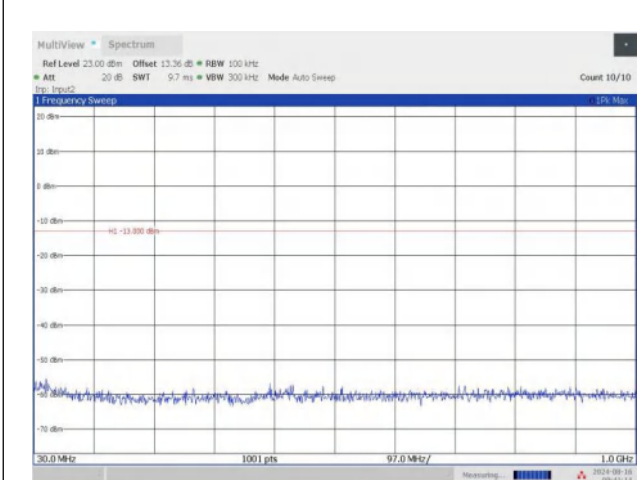


Fig.51

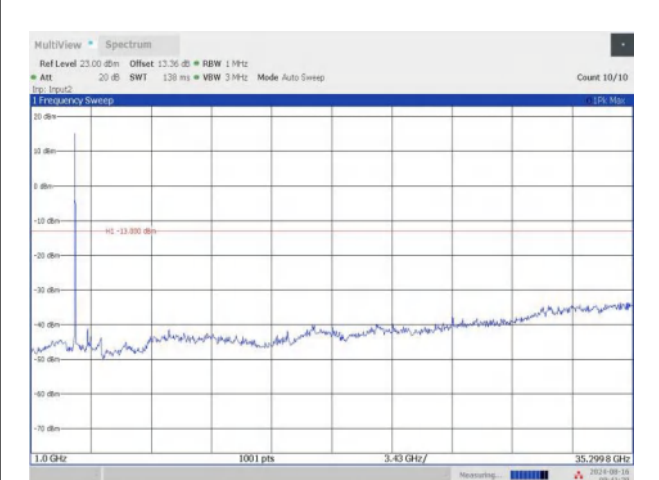


Fig.52

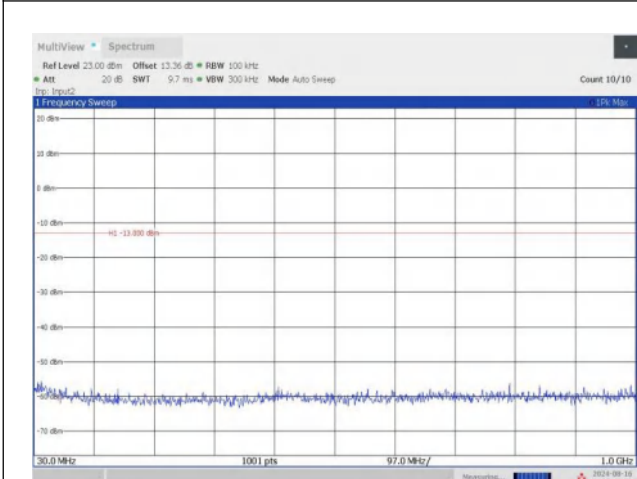


Fig.53

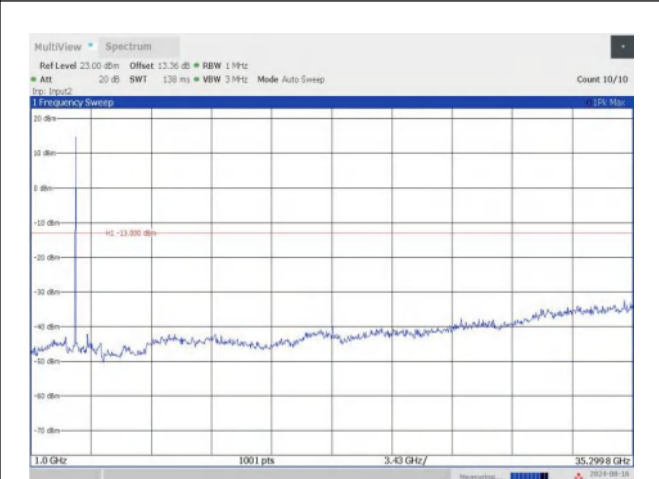


Fig.54